

ACCESSIBILITY AUDIT FOR UNITED LINCOLNSHIRE HOSPITALS NHS TRUST

17th September 2020

Prepared by: Sam Roebuck & Phil Shackleton

Mixd
Platform
New Station Street
Leeds
LS1 4JB

Web: www.mixd.co.uk

Telephone: 0113 360 8250

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EXECUTIVE SUMMARY

This report describes the conformance of the United Lincolnshire Hospitals NHS Trust website with W3C's Web Content Accessibility Guidelines (WCAG). The review process is described in the 'Review Process' below and is based on evaluation described in [Accessibility Evaluation Resources](#).

Based on this evaluation, the <https://www.ulh.nhs.uk/> website does not meet WCAG 2.1, Conformance Level AA.

Detailed review results are available in the '[Results and recommended actions](#)' below.

EVALUATION

Background about evaluation

Conformance evaluation of web accessibility requires a combination of semi-automated evaluation tools and manual evaluation by an experienced reviewer. The evaluation results in this report are based on an evaluation conducted on the following date(s): 14/09/2020 - 17/09/2020. The website may have changed since that time.

Scope of review

As websites are comprised of many pages, it is impossible to test every single page manually. Because of this a representative page sample approach is taken. We generally review all the key pages and the main page types – experience has shown that it is not necessary to review all pages, as the same issues tend to be repeated, especially with a large CMS-managed site.

| | |
|---|---|
| Name of website: | United Lincolnshire Hospitals NHS Trust |
| Purpose of site: | To provide users with information about the United Lincolnshire Hospitals NHS Trust |
| Base URL of site: | https://www.ulh.nhs.uk/ |
| URLs included in review: | https://www.ulh.nhs.uk/ https://www.ulh.nhs.uk/hospitals/ https://www.ulh.nhs.uk/hospitals/pilgrim-hospital-boston/ https://www.ulh.nhs.uk/consultants/ https://www.ulh.nhs.uk/consultants/erika/ https://www.ulh.nhs.uk/services/ https://www.ulh.nhs.uk/services/maternity-services/ https://www.ulh.nhs.uk/contact/ https://www.ulh.nhs.uk/news/ https://www.ulh.nhs.uk/about/trust-board/ https://www.ulh.nhs.uk/patients/ https://www.ulh.nhs.uk/patients/outpatients/ https://www.ulh.nhs.uk/news/first-few-weeks-of-exciting-big-changes-at-pilgrim-hospital/ https://www.ulh.nhs.uk/jobs/lincolnshire/ https://www.ulh.nhs.uk/patients/inpatients/identifying-ward-staff/ https://www.ulh.nhs.uk/content/uploads/2020/08/WDES_Report_2019_2020_ULHT_RWD_Trust_Board_Approved_FINAL_August_2020.pdf https://www.ulh.nhs.uk/content/uploads/2017/05/Equality_Diversity_Inclusion_ULHT_2021_Vision_March_2017_FINAL.pdf |
| Exact date, or range of dates, on which review conducted: | 14/09/2020 - 17/09/2020 |

| | |
|---------------------------------|---------|
| Natural language(s) of website: | English |
|---------------------------------|---------|

Reviewer

| | |
|---|--|
| Name of reviewer: | Sam Roebuck |
| Organisation: | Mixd |
| Telephone: | 0113 360 8250 |
| Reviewer(s) areas of expertise: | Specialises in Accessible Web design and has extensive experience as a front-end developer and the W3C 2.1 Web Content Accessibility Guidelines. |
| Natural language(s) with which the reviewer(s) is/are fluent, or familiar | English |

REVIEW PROCESS

Conformance

| | |
|--------------------|---|
| Guidelines: | Web Content Accessibility Guidelines (WCAG) 2.1 |
| Conformance Level: | AA standard. The Web page satisfies all the Level A and Level AA Success Criteria, or a Level AA conforming alternate version is provided. |

Accessibility testing tools

The following tools were used in the review, including automated checkers, browsers, browser plugins, readability test tool, colour contrast test tool and screen readers.

Tools used during this review:

- [Mac OSX VoiceOver](#)
- [WebAIM Color Contrast Checker](#)
- [Microsoft Accessibility Insights](#)
- [aXe](#)
- [Wave](#)
- [Google Lighthouse](#)

Manual testing

- Keyboard testing: navigation and focusable items
- Check for links with ambiguous link text
- Check for alt attributes
- Check form elements: descriptive labels and/or ARIA attributes
- Zoom readability/usability
- Page structure: landmarks and headings

Screen reader testing (i.e. Apple Voiceover)

- Quality and accuracy of link text and image attributes
- Spelling mistakes and reading order
- Interactivity with custom controls
- Accuracy of ARIA properties
- Accessibility of dynamic changes: predictive search, page content that changes on activation, filtered listings

Automated Testing

WCAG 2.1 mandatory requirements covered by the automated testing tools.

| | | |
|--|---------------------------------|-----------------------------------|
| accesskeys | definition-list | list |
| aria-allowed-attr | dlitem | listitem |
| aria-required-attr | document-title | meta-refresh |
| aria-required-children | duplicate-id | meta-viewport |
| aria-required-parent | frame-title | object-alt |
| aria-roles | html-has-lang | tabindex |
| aria-valid-attr-value | html-lang-valid | td-headers-attr |
| aria-valid-attr | image-alt | th-has-data-cells |
| audio-caption | input-image-alt | valid-lang |
| button-name | label | video-caption |
| bypass | layout-table | video-description |
| color-contrast | link-name | |

Results and recommended actions

Summary of review results

Mixd performed critical path testing on the 15 pages and 2 PDF's listed above under '[Scope of review](#)'. This website appears to not meet WCAG 2.1 AA.

Accessibility features in which this site is strong include:

- Consistent navigation and identification
- Resizing text content
- Presenting content in a meaningful sequence

Our recommended priorities for addressing inaccessible features of site are:

- Colour contrast
- Focus visibility
- Bypass blocks
- Input labelling

Colour contrast

Users, including users with visual disabilities, must be able to perceive content on the page. A contrast ratio of 4.5:1 is required. Failures were present in every tested template as links within the secondary navigation of the website have insufficient colour contrast. Tools such as the WCAG Colour contrast checker can be used to determine if sufficient contrast is provided. Some of the colour contrast issues indicated by automatic checks were for HTML elements that were “hidden” using additional CSS (cannot be seen on the front-end), provided mostly for screen readers and other assistive technologies.

Focus visible

Throughout the site, interactive elements did not have a visual indication that the element had keyboard focus. A keyboard user typically uses the Tab key to navigate through interactive elements on a web page—links, buttons, fields for inputting text, etc. When an item has a keyboard “focus”, it can be activated or manipulated with the keyboard. A sighted keyboard user must be provided with a visual indicator of the element that currently has keyboard focus.

Bypass blocks

Currently there are no bypass blocks or ‘skip links’ on the site. These skip links are important for users who navigate sequentially through content, such as those using screen readers or keyboard users, as they provide more direct access to the primary content of the page without having to wait

for the screen reader to read out all the navigation items or tab through all the links. This gives those users the same ability as sighted user's ability to ignore the repeated material either by focusing on the center of the screen (where main content usually appears) or a mouse user's ability to select a link with a single mouse click rather than encountering every link that comes before the item they want.

Input labelling

Input controls with labels that clearly describe the content that is expected to be entered helps users know how to successfully complete the form or input, this helps people who use screen readers by ensuring that labels are meaningful when read out of context. The ULH site had failures throughout the audit as the main site search was not labelled correctly.

Detailed results for: Home

| | |
|--------------------------|---|
| URL: | https://www.ulh.nhs.uk/ |
| Date audited: | 14/09/2020 |
| Google Lighthouse score: | 80/100 |
| WCAG Checkpoints passed: | 34/50 |

| WCAG Checkpoint | Remarks and explanations | Status | FAO |
|--|---|--------|---|
| 1.1.1 Non-text Content All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below: <ul style="list-style-type: none"> • Controls and inputs • Time-based media • Tests and quizzes • Sensory based • CAPTCHA • Decorative or invisible content | Alt text not provided for images in 'Our hospitals' section Recommendation: Add alt text for the image in the 'Hospital image' field on the hospital pages Search input does not have associated text label Recommendation: Provide a text label for form inputs | Fail | ULH Mixd |
| 1.2.1 Audio-only and Video-only (Prerecorded) For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such. Prerecorded Audio-only: <ul style="list-style-type: none"> • An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content. Prerecorded Video-only: <ul style="list-style-type: none"> • Either an alternative for time-based media or an audio track is provided that presents equivalent information for prerecorded video-only content. | No prerecorded audio-only or video-only content on the page. | N/A | |
| 1.2.2 Captions (Prerecorded) Captions are provided for all pre recorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | No prerecorded audio-only content on the page. | N/A | |

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| 1.2.3 Audio Description or Media Alternative (Prerecorded) An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | No prerecorded video content on the page. | N/A | |
| 1.2.4 Captions (Live) Captions are provided for all live audio content in synchronized media. | No live audio content on the page. | N/A | |
| 1.2.5 Audio Description (Prerecorded) Audio description is provided for all prerecorded video content in synchronized media. | No prerecorded video content on the page. | N/A | |
| 1.3.1 Info and Relationships Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. | No text label associated with search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 1.3.2 Meaningful Sequence When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. | | Pass | |
| 1.3.3 Sensory Characteristics Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound. | | Pass | |
| 1.3.4 Orientation Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Mobile navigation links cut off in landscape mode on phones. Recommendation: Either change the layout of the mobile navigation to stack or make the navigation scrollable. | Fail | Mixd |
| 1.3.5 Identify Input Purpose The purpose of each input field collecting information about the user can be programmatically determined when: <ul style="list-style-type: none"> • The input field serves a purpose identified in the Input Purposes for User Interface Components section; and • The content is implemented using technologies with support for | No inputs collecting information about the user on the page | N/A | |

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| identifying the expected meaning for form input data. | | | |
| 1.4.1 Use of colour Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. | | Pass | |
| 1.4.2 Audio Control If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level. | No audio on the page | N/A | |
| 1.4.3 Contrast (Minimum) The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: <ul style="list-style-type: none"> • Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; • Incidental text or images that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are part of a picture that contains significant other visual content • Logotypes that include text as part of a logo or brand name | Links within the secondary navigation have insufficient contrast of 3.95 Search input in the header has insufficient contrast of 3.94 White text in ‘Want to see the latest news of what is happening within ULHT?’ has insufficient colour contrast of 2.45 Link text in ‘Want to see the latest news of what is happening within ULHT?’ has insufficient colour contrast of 2.52 Recommendation: Improve the colour contrast of the above areas to meet minimum pass criteria. Point of failure outside our control: CQC widget has insufficient contrast | Fail | Mixd |
| 1.4.4 Resize text Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality. | | Pass | |

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| <p>1.4.5 Images of text</p> <p>If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following:</p> <ul style="list-style-type: none"> • Where the image of text can be visually customized to the user's requirements; • A particular presentation of text is essential to the information being conveyed. | No images of text on the page | N/A | |
| <p>1.4.10 Reflow</p> <p>Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:</p> <ul style="list-style-type: none"> • Vertical scrolling content at a width equivalent to 320 CSS pixels; • Horizontal scrolling content at a height equivalent to 256 CSS pixels. <p>Except for parts of the content which require two-dimensional layout for usage or meaning.</p> | <p>Items within the mobile navigation are cut off at widths equivalent to 320 CSS pixels.</p> <p>Recommendation: Either change the layout of the mobile navigation to stack or make the links scrollable.</p> | Fail | Mixd |
| <p>1.4.11 Non-text Contrast</p> <p>The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s):</p> <ul style="list-style-type: none"> • Visual information required to identify user interface components and states, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author; • Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed. | | Pass | |
| <p>1.4.12 Text Spacing</p> <p>In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property:</p> <ul style="list-style-type: none"> • Line height (line spacing) to at least 1.5 times the font size; • Spacing following paragraphs to at least 2 times the font size; • Letter spacing (tracking) to at least 0.12 times the font size; • Word spacing to at least 0.16 times the font size. | <p>Social links in footer overlap other links when text spacing properties applied. Under 1400px.</p> <p>Recommendation: Change social links so they are not absolutely positioned and flow with the rest of the page.</p> | Fail | Mixd |

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| <p>1.4.13 Content on Hover or Focus</p> <p>Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:</p> <ul style="list-style-type: none"> • Dismissable - A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content communicates an input error or does not obscure or replace other content; • Hoverable - If pointer hover can trigger the additional content, then the pointer can be moved over the additional content without the additional content disappearing; • Persistent - The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid. | <p>Dropdown content within navigation cannot be dismissed without moving focus</p> <p>Recommendation: Provide a keyboard command, such as pressing the escape key, to close the content. Or include a close button within the added content.</p> | Fail | Mixd |
| <p>2.1.1 Keyboard</p> <p>All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.</p> | <p>Navigation dropdown menus not triggered by keyboard focus</p> <p>Recommendation: Add keyboard event listeners for navigation elements to show dropdown on focus.</p> | Fail | Mixd |
| <p>2.1.2 No keyboard traps</p> <p>If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away.</p> | | Pass | |
| <p>2.1.4 Character Key Shortcuts</p> <p>If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - A mechanism is available to turn the shortcut off; • Remap - A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc); • Active only on focus - The keyboard shortcut for a user interface component | <p>No keyboard shortcuts implemented</p> | N/A | |

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| is only active when that component has focus. | | | |
| <p>2.2.1 Timing Adjustable</p> <p>For each time limit that is set by the content, at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - The user is allowed to turn off the time limit before encountering it; or • Adjust - The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or • Extend - The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or • Real-time Exception - The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or • Essential Exception - The time limit is essential and extending it would invalidate the activity; or • 20 Hour Exception - The time limit is longer than 20 hours. | No time limits set by the content | N/A | |
| <p>2.2.2 Pause, Stop, Hide</p> <p>For moving, blinking, scrolling, or auto-updating information, all of the following are true:</p> <ul style="list-style-type: none"> • Moving, blinking, scrolling - For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and • Auto-updating - For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update | No moving, blinking, scrolling, or auto-updating information on the page | N/A | |

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| unless the auto-updating is part of an activity where it is essential. | | | |
| 2.3.1 Three Flashes or Below Threshold Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds. | No flashing content on the page | N/A | |
| 2.4.1 Bypass Blocks A mechanism is available to bypass blocks of content that are repeated on multiple Web pages. | No 'skip to content' link provide Recommendation: Add 'skip to content' link | Fail | Mixd |
| 2.4.2 Page Titled Web pages have titles that describe topic or purpose. | Page title does not describe the topic or purpose. Recommendation: Add 'Home' to page title | Fail | Mixd |
| 2.4.3 Focus Order If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability. | Links in footer receive focus out of left-right sequence, social links on the right receive focus before links on the left. Recommendation: Change tab order of footer links so they receive focus in the right order. | Fail | Mixd |
| 2.4.4 Link Purpose (In context) The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. | Circle image links within 'Our hospitals' section do not have discernible link text. White arrow link, in 'Want to see the latest news of what is happening within ULHT?' block does not have discernible link text. Phone number links do not provide descriptive link text of the purpose of the link or letting the user know what the number is for. Social, Care Opinion and Disabled Go links in footer do not have discernible link text. | Fail | Mixd |

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| | <p>Recommendation: Provide link text to describe the purpose of the link.</p> <p>For phone number links, provide an aria-label or hidden label such as 'Call {Hospital}'.</p> <p>Instances of nondescript link text within the Coronavirus banner.e.g. 'Click here'</p> <p>Recommendation: Provide more descriptive link text, such as 'read our patient visiting announcement to find out more about visiting our wards'.</p> | | ULH |
| <p>2.4.5 Multiple Ways More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in a process.</p> | | Pass | |
| <p>2.4.6 Headings and Labels Page headings and labels for form and interactive controls are informative. Avoid duplicating heading (e.g., "More Details") or label text (e.g., "First Name") unless the structure provides adequate differentiation between them.</p> | <p>No label provided for search input in the header</p> <p>Recommendation: Provide descriptive label for the search input</p> | Fail | Mixd |
| <p>2.4.7 Focus Visible Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible.</p> | <p>No focus highlight given to most elements when using a keyboard.</p> <p>Recommendation: Provide appropriate focus highlights for interactive elements</p> | Fail | Mixd |
| <p>2.5.1 Pointer Gestures All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential.</p> | No multipoint or path-based gestures in use on the page. | N/A | |
| 2.5.2 Pointer Cancellation | | Pass | |

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| <p>For functionality that can be operated using a single pointer, at least one of the following is true:</p> <ul style="list-style-type: none"> • No Down-Event - The down-event of the pointer is not used to execute any part of the function; • Abort or Undo - Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion; • Up Reversal - The up-event reverses any outcome of the preceding down-event; • Essential - Completing the function on the down-event is essential. | | | |
| <p>2.5.3 Label in Name For user interface components with labels that include text or images of text, the name contains the text that is presented visually.</p> | | Pass | |
| <p>2.5.4 Motion Actuation Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when:</p> <ul style="list-style-type: none"> • Supported Interface - The motion is used to operate functionality through an accessibility supported interface; • Essential - The motion is essential for the function and doing so would invalidate the activity. | No motion operated functionality on the page | N/A | |
| <p>3.1.1 Language of Page The default human language of each Web page can be programmatically determined.</p> | | Pass | |
| <p>3.1.2 Language of Parts The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text.</p> | | Pass | |
| <p>3.2.1 On Focus When any user interface component receives focus, it does not initiate a change of context.</p> | | Pass | |
| <p>3.2.2 On Input Changing the setting of any user interface component does not automatically cause a</p> | | Pass | |

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| change of context unless the user has been advised of the behavior before using the component. | | | |
| 3.2.3 Consistent Navigation Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user. | | Pass | |
| 3.2.4 Consistent Identification Components that have the same functionality within a set of Web pages are identified consistently. | | Pass | |
| 3.3.1 Error Identification If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. | No input errors automatically detected. Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page. Advised to make the field required and provide an error when no input is given. | N/A | Mixd |
| 3.3.2 Labels or Instructions Labels or instructions are provided when content requires user input. | No label provided for search input in the header Recommendation: Provide descriptive label for the search input | Fail | Mixd |
| 3.3.3 Error Suggestion If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content. | No input errors automatically detected. Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page. Advised to make the field required and provide a suggestion when no input is given. | N/A | Mixd |

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| 3.3.4 Error Prevention For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true: <ul style="list-style-type: none"> • Reversible - Submissions are reversible. • Checked - Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. • Confirmed - A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission. | No legal commitments or financial transactions in use on the page | N/A | |
| 4.1.1 Parsing In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features. | | Pass | |
| 4.1.2 Name, Role, Value For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies. | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 4.1.3 Status Messages In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus. | No status messages on the page. | N/A | |

Detailed results for: Hospitals landing

| | |
|--------------------------|---|
| URL: | https://www.ulh.nhs.uk/hospitals/ |
| Date audited: | 14/09/2020 |
| Google Lighthouse score: | 80/100 |
| WCAG Checkpoints passed: | 34/50 |

| WCAG Checkpoint | Remarks and explanations | Status | FAO |
|--|---|--------|-------------------------------------|
| 1.1.1 Non-text Content All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below: <ul style="list-style-type: none"> Controls and inputs Time-based media Tests and quizzes Sensory based CAPTCHA Decorative or invisible content | Alt text not provided for images in 'Our hospitals' section Recommendation: Add alt text for the image in the 'Hospital image' field on the hospital pages Search input does not have associated text label Recommendation: Provide a text label for form inputs | Fail | ULH Mixd |
| 1.2.1 Audio-only and Video-only (Prerecorded) For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such. Prerecorded Audio-only: <ul style="list-style-type: none"> An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content. Prerecorded Video-only: <ul style="list-style-type: none"> Either an alternative for time-based media or an audio track is provided that presents equivalent information for prerecorded video-only content. | No prerecorded audio-only or video-only content on the page. | N/A | |
| 1.2.2 Captions (Prerecorded) Captions are provided for all pre recorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | No prerecorded audio-only content on the page. | N/A | |

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| 1.2.3 Audio Description or Media Alternative (Prerecorded) An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | No prerecorded video content on the page. | N/A | |
| 1.2.4 Captions (Live) Captions are provided for all live audio content in synchronized media. | No live audio content on the page. | N/A | |
| 1.2.5 Audio Description (Prerecorded) Audio description is provided for all prerecorded video content in synchronized media. | No prerecorded video content on the page. | N/A | |
| 1.3.1 Info and Relationships Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. | No text label associated with search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 1.3.2 Meaningful Sequence When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. | | Pass | |
| 1.3.3 Sensory Characteristics Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound. | | pass | |
| 1.3.4 Orientation Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Mobile navigation links cut off in landscape mode on phones. Recommendation: Either change the layout of the mobile navigation to stack or make the navigation scrollable. | Fail | Mixd |
| 1.3.5 Identify Input Purpose The purpose of each input field collecting information about the user can be programmatically determined when: <ul style="list-style-type: none"> • The input field serves a purpose identified in the Input Purposes for User Interface Components section; and • The content is implemented using technologies with support for | No inputs collecting information about the user on the page | N/A | |

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| identifying the expected meaning for form input data. | | | |
| 1.4.1 Use of colour Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. | | Pass | |
| 1.4.2 Audio Control If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level. | No audio on the page | N/A | |
| 1.4.3 Contrast (Minimum) The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: <ul style="list-style-type: none"> • Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; • Incidental text or images that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are part of a picture that contains significant other visual content • Logotypes that include text as part of a logo or brand name | Links within the secondary navigation have insufficient contrast of 3.95 Search input in the header has insufficient contrast of 3.94 Recommendation: Improve the colour contrast of the above areas to meet minimum pass criteria. Point of failure outside our control: CQC widget has insufficient contrast | Fail | Mixd |
| 1.4.4 Resize text Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality. | | Pass | |
| 1.4.5 Images of text If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following: <ul style="list-style-type: none"> • Where the image of text can be visually customized to the user's requirements; • A particular presentation of text is essential to the information being conveyed. | No images of text on the page | N/A | |
| 1.4.10 Reflow Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for: | Items within the mobile navigation are cut off at widths equivalent to 320 CSS pixels. | Fail | Mixd |

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| <ul style="list-style-type: none"> • Vertical scrolling content at a width equivalent to 320 CSS pixels; • Horizontal scrolling content at a height equivalent to 256 CSS pixels. <p>Except for parts of the content which require two-dimensional layout for usage or meaning.</p> | <p>Recommendation: Either change the layout of the mobile navigation to stack or make the links scrollable.</p> | | |
| <p>1.4.11 Non-text Contrast</p> <p>The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s):</p> <ul style="list-style-type: none"> • Visual information required to identify user interface components and states, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author; • Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed. | <p>Arrow icons within the 'Also in this section' have insufficient contrast of 1.78 on the grey background and 1.92 on the white background</p> <p>Recommendation: Create new arrow icon in a dark colour to improve contrast</p> | Fail | Mixd |
| <p>1.4.12 Text Spacing</p> <p>In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property:</p> <ul style="list-style-type: none"> • Line height (line spacing) to at least 1.5 times the font size; • Spacing following paragraphs to at least 2 times the font size; • Letter spacing (tracking) to at least 0.12 times the font size; • Word spacing to at least 0.16 times the font size. | <p>Social links in footer overlap other links when text spacing properties applied. Under 1400px.</p> <p>Recommendation: Change social links so they are not absolutely positioned and flow with the rest of the page.</p> | Fail | Mixd |
| <p>1.4.13 Content on Hover or Focus</p> <p>Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:</p> <ul style="list-style-type: none"> • Dismissable - A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content communicates an input error or does not obscure or replace other content; • Hoverable - If pointer hover can trigger the additional content, then the pointer can be moved over the additional | <p>Dropdown content within navigation cannot be dismissed without moving focus</p> <p>Recommendation: Provide a keyboard command, such as pressing the escape key, to close the content. Or include a close button within the added content.</p> | Fail | Mixd |

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| <p>content without the additional content disappearing;</p> <ul style="list-style-type: none"> • Persistent - The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid. | | | |
| <p>2.1.1 Keyboard</p> <p>All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.</p> | <p>Navigation dropdown menus not triggered by keyboard focus</p> <p>Recommendation: Add keyboard event listeners for navigation elements to show dropdown on focus.</p> | Fail | Mixd |
| <p>2.1.2 No keyboard traps</p> <p>If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away.</p> | | Pass | |
| <p>2.1.4 Character Key Shortcuts</p> <p>If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - A mechanism is available to turn the shortcut off; • Remap - A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc); • Active only on focus - The keyboard shortcut for a user interface component is only active when that component has focus. | No keyboard shortcuts implemented | N/A | |
| <p>2.2.1 Timing Adjustable</p> <p>For each time limit that is set by the content, at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - The user is allowed to turn off the time limit before encountering it; or • Adjust - The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or | No time limits set by the content | N/A | |

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| <ul style="list-style-type: none"> • Extend - The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or • Real-time Exception - The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or • Essential Exception - The time limit is essential and extending it would invalidate the activity; or • 20 Hour Exception - The time limit is longer than 20 hours. | | | |
| <p>2.2.2 Pause, Stop, Hide For moving, blinking, scrolling, or auto-updating information, all of the following are true:</p> <ul style="list-style-type: none"> • Moving, blinking, scrolling - For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and • Auto-updating - For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential. | No moving, blinking, scrolling, or auto-updating information on the page | N/A | |
| <p>2.3.1 Three Flashes or Below Threshold Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds.</p> | No flashing content on the page | N/A | |
| <p>2.4.1 Bypass Blocks A mechanism is available to bypass blocks of content that are repeated on multiple Web pages.</p> | <p>No 'skip to content' link provide</p> <p>Recommendation: Add 'skip to content' link</p> | Fail | Mixd |

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| 2.4.2 Page Titled Web pages have titles that describe topic or purpose. | | Pass | |
| 2.4.3 Focus Order If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability. | Links in footer receive focus out of left-right sequence, social links on the right receive focus before links on the left. Recommendation: Change tab order of footer links so they receive focus in the right order. | Fail | Mixd |
| 2.4.4 Link Purpose (In context) The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. | Social, Care Opinion and Disabled Go links in footer do not have discernible link text. Phone number links do not provide descriptive link text of the purpose of the link or letting the user know what the number is for. Recommendation: Provide link text to describe the purpose of the link. For phone number links, provide an aria-label or hidden label such as 'Call {Hospital}'. | Fail | Mixd |
| 2.4.5 Multiple Ways More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in a process. | | Pass | |
| 2.4.6 Headings and Labels Page headings and labels for form and interactive controls are informative. Avoid duplicating heading (e.g., "More Details") or label text (e.g., "First Name") unless the structure provides adequate differentiation between them. | No label provided for search input in the header Recommendation: Provide descriptive label for the search input | Fail | Mixd |
| 2.4.7 Focus Visible Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. | No focus highlight given to most elements when using a keyboard. Recommendation: | Fail | Mixd |

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| | Provide appropriate focus highlights for interactive elements | | |
| 2.5.1 Pointer Gestures All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | No multipoint or path-based gestures in use on the page. | N/A | |
| 2.5.2 Pointer Cancellation For functionality that can be operated using a single pointer , at least one of the following is true: <ul style="list-style-type: none"> • No Down-Event - The down-event of the pointer is not used to execute any part of the function; • Abort or Undo - Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion; • Up Reversal - The up-event reverses any outcome of the preceding down-event; • Essential - Completing the function on the down-event is essential. | | Pass | |
| 2.5.3 Label in Name For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | | Pass | |
| 2.5.4 Motion Actuation Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when: <ul style="list-style-type: none"> • Supported Interface - The motion is used to operate functionality through an accessibility supported interface; • Essential - The motion is essential for the function and doing so would invalidate the activity. | No motion operated functionality on the page | N/A | |
| 3.1.1 Language of Page The default human language of each Web page can be programmatically determined. | | Pass | |
| 3.1.2 Language of Parts The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical | | Pass | |

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| terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text. | | | |
| 3.2.1 On Focus When any user interface component receives focus, it does not initiate a change of context. | | Pass | |
| 3.2.2 On Input Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component. | | Pass | |
| 3.2.3 Consistent Navigation Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user. | | Pass | |
| 3.2.4 Consistent Identification Components that have the same functionality within a set of Web pages are identified consistently. | | Pass | |
| 3.3.1 Error Identification If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. | No input errors automatically detected. Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page. Advised to make the field required and provide a suggestion when no input is given. | N/A | Mixd |
| 3.3.2 Labels or Instructions Labels or instructions are provided when content requires user input. | No label provided for search input in the header Recommendation: Provide descriptive label for the search input | Fail | Mixd |
| 3.3.3 Error Suggestion If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it | No input errors automatically detected. Advisory: | N/A | Mixd |

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| would jeopardize the security or purpose of the content. | <p>The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page.</p> <p>Advised to make the field required and provide an error when no input is given.</p> | | |
| <p>3.3.4 Error Prevention</p> <p>For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true:</p> <ul style="list-style-type: none"> • Reversible - Submissions are reversible. • Checked - Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. • Confirmed - A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission. | No legal commitments or financial transactions in use on the page | N/A | |
| <p>4.1.1 Parsing</p> <p>In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features.</p> | | Pass | |
| <p>4.1.2 Name, Role, Value</p> <p>For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies.</p> | <p>No label provided for search input in the header</p> <p>Recommendation: Provide descriptive label for the search inputs</p> | Fail | Mixd |
| <p>4.1.3 Status Messages</p> <p>In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to</p> | No status messages on the page. | N/A | |

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| the user by assistive technologies without receiving focus. | | | |
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Detailed results for: Hospitals detail

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| URL: | https://www.ulh.nhs.uk/hospitals/pilgrim-hospital-boston/ |
| Date audited: | 14/09/2020 |
| Google Lighthouse score: | 77/100 |
| WCAG Checkpoints passed: | 31/50 |

| WCAG Checkpoint | Remarks and explanations | Status | FAO |
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| 1.1.1 Non-text Content All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below: <ul style="list-style-type: none"> • Controls and inputs • Time-based media • Tests and quizzes • Sensory based • CAPTCHA • Decorative or invisible content | Alt text not provided for main image Recommendation: Add alt text for images within WordPress Search inputs do not have associated text label Google Maps iFrames are not appropriately titled Recommendation: Provide a text label for all form inputs Provide a descriptive title tag on iFrames | Fail | ULH Mixd |
| 1.2.1 Audio-only and Video-only (Prerecorded) For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such. Prerecorded Audio-only: <ul style="list-style-type: none"> • An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content. Prerecorded Video-only: <ul style="list-style-type: none"> • Either an alternative for time-based media or an audio track is provided that presents equivalent information for prerecorded video-only content. | No prerecorded audio-only or video-only content on the page. | N/A | |
| 1.2.2 Captions (Prerecorded) Captions are provided for all pre recorded audio content in synchronized media, except | No prerecorded audio-only content on the page. | N/A | |

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| when the media is a media alternative for text and is clearly labeled as such. | | | |
| 1.2.3 Audio Description or Media Alternative (Prerecorded) An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | No prerecorded video content on the page. | N/A | |
| 1.2.4 Captions (Live) Captions are provided for all live audio content in synchronized media. | No live audio content on the page. | N/A | |
| 1.2.5 Audio Description (Prerecorded) Audio description is provided for all prerecorded video content in synchronized media. | No prerecorded video content on the page. | N/A | |
| 1.3.1 Info and Relationships Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. | No text label associated with search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 1.3.2 Meaningful Sequence When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. | | Pass | |
| 1.3.3 Sensory Characteristics Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound. | | pass | |
| 1.3.4 Orientation Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Mobile navigation links cut off in landscape mode on phones. Recommendation: Either change the layout of the mobile navigation to stack or make the navigation scrollable. | Fail | Mixd |
| 1.3.5 Identify Input Purpose The purpose of each input field collecting information about the user can be programmatically determined when: <ul style="list-style-type: none"> The input field serves a purpose identified in the Input Purposes for | No inputs collecting information about the user on the page | N/A | |

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| <p>User Interface Components section; and</p> <ul style="list-style-type: none"> The content is implemented using technologies with support for identifying the expected meaning for form input data. | | | |
| <p>1.4.1 Use of colour</p> <p>Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.</p> | | Pass | |
| <p>1.4.2 Audio Control</p> <p>If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level.</p> | No audio on the page | N/A | |
| <p>1.4.3 Contrast (Minimum)</p> <p>The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following:</p> <ul style="list-style-type: none"> Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; Incidental text or images that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are part of a picture that contains significant other visual content Logotypes that include text as part of a logo or brand name | <p>Links within the secondary navigation have insufficient contrast of 3.95</p> <p>Search input in the header and direction search have insufficient contrast of 3.94</p> <p>Recommendation: Improve the colour contrast of the above areas to meet minimum pass criteria.</p> <p>Point of failure outside our control: CQC widget has insufficient contrast</p> | Fail | Mixd |
| <p>1.4.4 Resize text</p> <p>Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality.</p> | | Pass | |
| <p>1.4.5 Images of text</p> <p>If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following:</p> <ul style="list-style-type: none"> Where the image of text can be visually customized to the user's requirements; | No images of text on the page | N/A | |

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| <ul style="list-style-type: none"> • A particular presentation of text is essential to the information being conveyed. | | | |
| <p>1.4.10 Reflow</p> <p>Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:</p> <ul style="list-style-type: none"> • Vertical scrolling content at a width equivalent to 320 CSS pixels; • Horizontal scrolling content at a height equivalent to 256 CSS pixels. <p>Except for parts of the content which require two-dimensional layout for usage or meaning.</p> | <p>Items within the mobile navigation are cut off at widths equivalent to 320 CSS pixels.</p> <p>Recommendation: Either change the layout of the mobile navigation to stack or make the links scrollable.</p> | Fail | Mixd |
| <p>1.4.11 Non-text Contrast</p> <p>The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s):</p> <ul style="list-style-type: none"> • Visual information required to identify user interface components and states, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author; • Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed. | <p>Arrow icons within the 'Also in this section' have insufficient contrast of 1.92</p> <p>Recommendation: Create new arrow icon in a dark colour to improve contrast</p> | Fail | Mixd |
| <p>1.4.12 Text Spacing</p> <p>In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property:</p> <ul style="list-style-type: none"> • Line height (line spacing) to at least 1.5 times the font size; • Spacing following paragraphs to at least 2 times the font size; • Letter spacing (tracking) to at least 0.12 times the font size; • Word spacing to at least 0.16 times the font size. | <p>Social links in footer overlap other links when text spacing properties applied. Under 1400px.</p> <p>Recommendation: Change social links so they are not absolutely positioned and flow with the rest of the page.</p> | Fail | Mixd |
| <p>1.4.13 Content on Hover or Focus</p> <p>Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:</p> <ul style="list-style-type: none"> • Dismissable - A mechanism is available to dismiss the additional content without moving pointer hover | <p>Dropdown content within navigation cannot be dismissed without moving focus</p> <p>Recommendation: Provide a keyboard command, such as pressing the escape</p> | Fail | Mixd |

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| <p>or keyboard focus, unless the additional content communicates an input error or does not obscure or replace other content;</p> <ul style="list-style-type: none"> • Hoverable - If pointer hover can trigger the additional content, then the pointer can be moved over the additional content without the additional content disappearing; • Persistent - The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid. | <p>key, to close the content. Or include a close button within the added content.</p> | | |
| <p>2.1.1 Keyboard</p> <p>All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.</p> | <p>Navigation dropdown menus not triggered by keyboard focus</p> <p>Recommendation: Add keyboard event listeners for navigation elements to show dropdown on focus.</p> | Fail | Mixd |
| <p>2.1.2 No keyboard traps</p> <p>If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away.</p> | | Pass | |
| <p>2.1.4 Character Key Shortcuts</p> <p>If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - A mechanism is available to turn the shortcut off; • Remap - A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc); • Active only on focus - The keyboard shortcut for a user interface component is only active when that component has focus. | <p>No keyboard shortcuts implemented</p> | N/A | |
| <p>2.2.1 Timing Adjustable</p> <p>For each time limit that is set by the content, at least one of the following is true:</p> | <p>No time limits set by the content</p> | N/A | |

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| <ul style="list-style-type: none"> • Turn off - The user is allowed to turn off the time limit before encountering it; or • Adjust - The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or • Extend - The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or • Real-time Exception - The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or • Essential Exception - The time limit is essential and extending it would invalidate the activity; or • 20 Hour Exception - The time limit is longer than 20 hours. | | | |
| <p>2.2.2 Pause, Stop, Hide For moving, blinking, scrolling, or auto-updating information, all of the following are true:</p> <ul style="list-style-type: none"> • Moving, blinking, scrolling - For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and • Auto-updating - For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential. | No moving, blinking, scrolling, or auto-updating information on the page | N/A | |
| <p>2.3.1 Three Flashes or Below Threshold Web pages do not contain anything that flashes more than three times in any one second</p> | No flashing content on the page | N/A | |

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| period, or the flash is below the general flash and red flash thresholds. | | | |
| 2.4.1 Bypass Blocks A mechanism is available to bypass blocks of content that are repeated on multiple Web pages. | No 'skip to content' link provide Recommendation: Add 'skip to content' link | Fail | Mixd |
| 2.4.2 Page Titled Web pages have titles that describe topic or purpose. | | Pass | |
| 2.4.3 Focus Order If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability. | Links in footer receive focus out of left-right sequence, social links on the right receive focus before links on the left. Recommendation: Change tab order of footer links so they receive focus in the right order. | Fail | Mixd |
| 2.4.4 Link Purpose (In context) The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. | Social, Care Opinion and Disabled Go links in footer do not have discernible link text. Phone number links do not provide descriptive link text of the purpose of the link or letting the user know what the number is for. Recommendation: Provide link text to describe the purpose of the link. For phone number links, provide an aria-label or hidden label such as 'Call {Hospital}'. | Fail | Mixd |
| 2.4.5 Multiple Ways More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in a process. | | Pass | |
| 2.4.6 Headings and Labels Page headings and labels for form and interactive controls are informative. Avoid duplicating heading (e.g., "More Details") or label text (e.g., "First Name") unless the | No label provided for search input in the header No label provided for direction search input | Fail | Mixd |

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| structure provides adequate differentiation between them. | Recommendation: Provide descriptive label for the search inputs | | |
| 2.4.7 Focus Visible Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. | No focus highlight given to most elements when using a keyboard. Recommendation: Provide appropriate focus highlights for interactive elements | Fail | Mixd |
| 2.5.1 Pointer Gestures All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | No multipoint or path-based gestures in use on the page. | N/A | |
| 2.5.2 Pointer Cancellation For functionality that can be operated using a single pointer , at least one of the following is true: <ul style="list-style-type: none"> • No Down-Event - The down-event of the pointer is not used to execute any part of the function; • Abort or Undo - Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion; • Up Reversal - The up-event reverses any outcome of the preceding down-event; • Essential - Completing the function on the down-event is essential. | | Pass | |
| 2.5.3 Label in Name For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | The direction search input in the header has visual text and accessible text that doesn't match. Recommendation: Update the placeholder value and accessible text to match. | Fail | Mixd |
| 2.5.4 Motion Actuation Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when: | No motion operated functionality on the page | N/A | |

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| <ul style="list-style-type: none"> • Supported Interface - The motion is used to operate functionality through an accessibility supported interface; • Essential - The motion is essential for the function and doing so would invalidate the activity. | | | |
| 3.1.1 Language of Page The default human language of each Web page can be programmatically determined. | | Pass | |
| 3.1.2 Language of Parts The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text. | | Pass | |
| 3.2.1 On Focus When any user interface component receives focus, it does not initiate a change of context. | | Pass | |
| 3.2.2 On Input Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component. | Users are taken to a different page in a new tab when submitting the direction search field. Recommendation: Include a warning that submitting the form will open a new tab. | Fail | Mixd |
| 3.2.3 Consistent Navigation Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user. | | Pass | |
| 3.2.4 Consistent Identification Components that have the same functionality within a set of Web pages are identified consistently. | | Pass | |
| 3.3.1 Error Identification If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. | No input errors automatically detected. Advisory: The search input in the header and the direction search do not require an input so will allow the user to submit | N/A | Mixd |

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| | <p>nothing and they get directed to a blank search results page.</p> <p>Advised to make the field required and provide an error when no input is given.</p> | | |
| 3.3.2 Labels or Instructions Labels or instructions are provided when content requires user input. | <p>No label provided for search input in the header</p> <p>No label provided for directions search input</p> <p>Recommendation: Provide descriptive label for the search inputs</p> | Fail | Mixd |
| 3.3.3 Error Suggestion If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content. | <p>No input errors automatically detected</p> <p>Advisory: The search input in the header and the direction search do not require an input so will allow the user to submit nothing and they get directed to a blank search results page.</p> <p>Advised to make the field required and provide a suggestion when no input is given.</p> | N/A | Mixd |
| 3.3.4 Error Prevention For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true: <ul style="list-style-type: none"> • Reversible - Submissions are reversible. • Checked - Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. • Confirmed - A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission. | <p>No legal commitments or financial transactions in use on the page</p> | N/A | |
| 4.1.1 Parsing In content implemented using markup languages, elements have complete start and | <p>HTML errors on Google Maps iFrame:</p> | Fail | Mixd |

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| <p>end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features.</p> | <ul style="list-style-type: none"> - Spaces in query within src element: space not allowed - Webkitallowfullscreen not allied on iframe element at this point - Mozallowfullscreen not allowed on iframe element at this point - Frameborder attribute on the iframe is obsolete <p>Recommendation: Add search query without space characters, and remove attributes that are not allowed or obsolete.</p> | | |
| <p>4.1.2 Name, Role, Value For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies.</p> | <p>Google Maps iframe does not have a title, descriptive header or description of purpose</p> <p>Recommendation: Include a descriptive heading right before the iFrame to describe the purpose of the map. Describe the landmarks shown on the map. Add a title attribute to the iFrame</p> | Fail | Mixd |
| <p>4.1.3 Status Messages In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus.</p> | <p>No status messages on the page.</p> | N/A | |

Detailed results for: Consultants

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| URL: | https://www.ulh.nhs.uk/consultants/ |
| Date audited: | 15/09/2020 |
| Google Lighthouse score: | 88/100 |
| WCAG Checkpoints passed: | 32/50 |

| WCAG Checkpoint | Remarks and explanations | Status | FAO |
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| 1.1.1 Non-text Content All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below: <ul style="list-style-type: none"> • Controls and inputs • Time-based media • Tests and quizzes • Sensory based • CAPTCHA • Decorative or invisible content | Search input does not have associated text label Recommendation: Provide a text label for form inputs | Fail | Mixd |
| 1.2.1 Audio-only and Video-only (Prerecorded) For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such. Prerecorded Audio-only: <ul style="list-style-type: none"> • An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content. Prerecorded Video-only: <ul style="list-style-type: none"> • Either an alternative for time-based media or an audio track is provided that presents equivalent information for prerecorded video-only content. | No prerecorded audio-only or video-only content on the page. | N/A | |
| 1.2.2 Captions (Prerecorded) Captions are provided for all pre recorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | No prerecorded audio-only content on the page. | N/A | |
| 1.2.3 Audio Description or Media Alternative (Prerecorded) An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when | No prerecorded video content on the page. | N/A | |

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| the media is a media alternative for text and is clearly labeled as such. | | | |
| 1.2.4 Captions (Live) Captions are provided for all live audio content in synchronized media. | No live audio content on the page. | N/A | |
| 1.2.5 Audio Description (Prerecorded) Audio description is provided for all prerecorded video content in synchronized media. | No prerecorded video content on the page. | N/A | |
| 1.3.1 Info and Relationships Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. | No text label associated with search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 1.3.2 Meaningful Sequence When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. | | Pass | |
| 1.3.3 Sensory Characteristics Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound. | | pass | |
| 1.3.4 Orientation Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Mobile navigation links cut off in landscape mode on phones. Recommendation: Either change the layout of the mobile navigation to stack or make the navigation scrollable. | Fail | Mixd |
| 1.3.5 Identify Input Purpose The purpose of each input field collecting information about the user can be programmatically determined when: <ul style="list-style-type: none"> • The input field serves a purpose identified in the Input Purposes for User Interface Components section; and • The content is implemented using technologies with support for identifying the expected meaning for form input data. | No inputs collecting information about the user on the page | N/A | |
| 1.4.1 Use of colour | The A-Z links use a different | Fail | Mixd |

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| Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. | colour for the current item, which cannot be understood programmatically. Recommendation: Use the aria-current attribute to help identify which the current element in the sidebar is. | | |
| 1.4.2 Audio Control If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level. | No audio on the page | N/A | |
| 1.4.3 Contrast (Minimum) The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: <ul style="list-style-type: none"> • Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; • Incidental text or images that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are part of a picture that contains significant other visual content • Logotypes that include text as part of a logo or brand name | Links within the secondary navigation have insufficient contrast of 3.95 Search input in the header have insufficient contrast of 3.94 Recommendation: Improve the colour contrast of the above areas to meet minimum pass criteria. Point of failure outside our control: CQC widget has insufficient contrast | Fail | Mixd |
| 1.4.4 Resize text Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality. | | Pass | |
| 1.4.5 Images of text If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following: <ul style="list-style-type: none"> • Where the image of text can be visually customized to the user's requirements; • A particular presentation of text is essential to the information being conveyed. | No images of text on the page | N/A | |

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| <p>1.4.10 Reflow</p> <p>Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:</p> <ul style="list-style-type: none"> • Vertical scrolling content at a width equivalent to 320 CSS pixels; • Horizontal scrolling content at a height equivalent to 256 CSS pixels. <p>Except for parts of the content which require two-dimensional layout for usage or meaning.</p> | <p>Items within the mobile navigation are cut off at widths equivalent to 320 CSS pixels.</p> <p>Recommendation: Either change the layout of the mobile navigation to stack or make the links scrollable.</p> | Fail | Mixd |
| <p>1.4.11 Non-text Contrast</p> <p>The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s):</p> <ul style="list-style-type: none"> • Visual information required to identify user interface components and states, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author; • Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed. | <p>Arrow icons before the consultant names have insufficient contrast of 1.92</p> <p>Recommendation: Create new arrow icon in a dark colour to improve contrast</p> | Fail | Mixd |
| <p>1.4.12 Text Spacing</p> <p>In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property:</p> <ul style="list-style-type: none"> • Line height (line spacing) to at least 1.5 times the font size; • Spacing following paragraphs to at least 2 times the font size; • Letter spacing (tracking) to at least 0.12 times the font size; • Word spacing to at least 0.16 times the font size. | <p>Social links in footer overlap other links when text spacing properties applied. Under 1400px.</p> <p>Recommendation: Change social links so they are not absolutely positioned and flow with the rest of the page.</p> | Fail | Mixd |
| <p>1.4.13 Content on Hover or Focus</p> <p>Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:</p> <ul style="list-style-type: none"> • Dismissable - A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content communicates an input error or does not obscure or replace other content; | <p>Dropdown content within navigation cannot be dismissed without moving focus</p> <p>Recommendation: Provide a keyboard command, such as pressing the escape key, to close the content. Or include a close button within the added content.</p> | Fail | Mixd |

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| <ul style="list-style-type: none"> • Hoverable - If pointer hover can trigger the additional content, then the pointer can be moved over the additional content without the additional content disappearing; • Persistent - The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid. | | | |
| 2.1.1 Keyboard All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints. | Navigation dropdown menus not triggered by keyboard focus Recommendation: Add keyboard event listeners for navigation elements to show dropdown on focus. | Fail | Mixd |
| 2.1.2 No keyboard traps If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away. | | Pass | |
| 2.1.4 Character Key Shortcuts If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true: <ul style="list-style-type: none"> • Turn off - A mechanism is available to turn the shortcut off; • Remap - A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc); • Active only on focus - The keyboard shortcut for a user interface component is only active when that component has focus. | No keyboard shortcuts implemented | N/A | |
| 2.2.1 Timing Adjustable For each time limit that is set by the content, at least one of the following is true: <ul style="list-style-type: none"> • Turn off - The user is allowed to turn off the time limit before encountering it; or • Adjust - The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten | No time limits set by the content | N/A | |

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| <p>times the length of the default setting; or</p> <ul style="list-style-type: none"> • Extend - The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or • Real-time Exception - The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or • Essential Exception - The time limit is essential and extending it would invalidate the activity; or • 20 Hour Exception - The time limit is longer than 20 hours. | | | |
| <p>2.2.2 Pause, Stop, Hide For moving, blinking, scrolling, or auto-updating information, all of the following are true:</p> <ul style="list-style-type: none"> • Moving, blinking, scrolling - For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and • Auto-updating - For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential. | No moving, blinking, scrolling, or auto-updating information on the page | N/A | |
| <p>2.3.1 Three Flashes or Below Threshold Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds.</p> | No flashing content on the page | N/A | |
| <p>2.4.1 Bypass Blocks A mechanism is available to bypass blocks of content that are repeated on multiple Web pages.</p> | <p>No 'skip to content' link provide</p> <p>Recommendation:</p> | Fail | Mixd |

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| | Add 'skip to content' link | | |
| 2.4.2 Page Titled Web pages have titles that describe topic or purpose. | | Pass | |
| 2.4.3 Focus Order If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability. | Links in footer receive focus out of left-right sequence, social links on the right receive focus before links on the left. Recommendation: Change tab order of footer links so they receive focus in the right order. | Fail | Mixd |
| 2.4.4 Link Purpose (In context) The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. | Social, Care Opinion and Disabled Go links in footer do not have discernible link text. Phone number links do not provide descriptive link text of the purpose of the link or letting the user know what the number is for. Recommendation: Provide link text to describe the purpose of the link. For phone number links, provide an aria-label or hidden label such as 'Call {Hospital}'. | Fail | Mixd |
| 2.4.5 Multiple Ways More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in a process. | | Pass | |
| 2.4.6 Headings and Labels Page headings and labels for form and interactive controls are informative. Avoid duplicating heading (e.g., "More Details") or label text (e.g., "First Name") unless the structure provides adequate differentiation between them. | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 2.4.7 Focus Visible Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. | No focus highlight given to most elements when using a keyboard. | Fail | Mixd |

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| | Recommendation: Provide appropriate focus highlights for interactive elements | | |
| 2.5.1 Pointer Gestures All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | No multipoint or path-based gestures in use on the page. | N/A | |
| 2.5.2 Pointer Cancellation For functionality that can be operated using a single pointer , at least one of the following is true: <ul style="list-style-type: none"> • No Down-Event - The down-event of the pointer is not used to execute any part of the function; • Abort or Undo - Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion; • Up Reversal - The up-event reverses any outcome of the preceding down-event; • Essential - Completing the function on the down-event is essential. | | Pass | |
| 2.5.3 Label in Name For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | | Pass | |
| 2.5.4 Motion Actuation Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when: <ul style="list-style-type: none"> • Supported Interface - The motion is used to operate functionality through an accessibility supported interface; • Essential - The motion is essential for the function and doing so would invalidate the activity. | No motion operated functionality on the page | N/A | |
| 3.1.1 Language of Page The default human language of each Web page can be programmatically determined. | | Pass | |
| 3.1.2 Language of Parts The human language of each passage or phrase in the content can be programmatically | | Pass | |

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| determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text. | | | |
| 3.2.1 On Focus When any user interface component receives focus, it does not initiate a change of context. | | Pass | |
| 3.2.2 On Input Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component. | <p>Upon selecting an item in the 'Only show consultants' at drop down results in a substantial change to the page.</p> <p>Upon clicking one of the letter links it results in a substantial change to the page.</p> <p>Recommendation: Provide a submit button to initiate the change caused by the Consultants dropdown and letter selection</p> | Fail | Mixd |
| 3.2.3 Consistent Navigation Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user. | | Pass | |
| 3.2.4 Consistent Identification Components that have the same functionality within a set of Web pages are identified consistently. | | Pass | |
| 3.3.1 Error Identification If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. | <p>No input errors automatically detected.</p> <p>Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page.</p> <p>Advised to make the field required and provide an error when no input is given.</p> | N/A | Mixd |
| 3.3.2 Labels or Instructions Labels or instructions are provided when content requires user input. | No label provided for search input in the header | Fail | Mixd |

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| | Recommendation: Provide descriptive label for the search inputs | | |
| 3.3.3 Error Suggestion If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content. | No input errors automatically detected. Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page. Advised to make the field required and provide a suggestion when no input is given. | N/A | Mixd |
| 3.3.4 Error Prevention For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true: <ul style="list-style-type: none"> • Reversible - Submissions are reversible. • Checked - Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. • Confirmed - A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission. | No legal commitments or financial transactions in use on the page | N/A | |
| 4.1.1 Parsing In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features. | | Pass | |
| 4.1.2 Name, Role, Value For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |

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| available to user agents, including assistive technologies. | | | |
| 4.1.3 Status Messages In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus. | No status messages on the page. | N/A | |

Detailed results for: Single consultant

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|--------------------------|---|
| URL: | https://www.ulh.nhs.uk/consultants/erika/ |
| Date audited: | 15/09/2020 |
| Google Lighthouse score: | 81/100 |
| WCAG Checkpoints passed: | 35/50 |

| WCAG Checkpoint | Remarks and explanations | Status | FAO |
|--|--|--------|------|
| 1.1.1 Non-text Content All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below: <ul style="list-style-type: none"> • Controls and inputs • Time-based media • Tests and quizzes • Sensory based • CAPTCHA • Decorative or invisible content | Search input does not have associated text label Recommendation: Provide a text label for form inputs | Fail | Mixd |
| 1.2.1 Audio-only and Video-only (Prerecorded) For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such. Prerecorded Audio-only: <ul style="list-style-type: none"> • An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content. Prerecorded Video-only: <ul style="list-style-type: none"> • Either an alternative for time-based media or an audio track is provided that presents equivalent information for prerecorded video-only content. | No prerecorded audio-only or video-only content on the page. | N/A | |
| 1.2.2 Captions (Prerecorded) Captions are provided for all pre recorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | No prerecorded audio-only content on the page. | N/A | |
| 1.2.3 Audio Description or Media Alternative (Prerecorded) An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when | No prerecorded video content on the page. | N/A | |

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| the media is a media alternative for text and is clearly labeled as such. | | | |
| 1.2.4 Captions (Live) Captions are provided for all live audio content in synchronized media. | No live audio content on the page. | N/A | |
| 1.2.5 Audio Description (Prerecorded) Audio description is provided for all prerecorded video content in synchronized media. | No prerecorded video content on the page. | N/A | |
| 1.3.1 Info and Relationships Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. | No text label associated with search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 1.3.2 Meaningful Sequence When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. | | Pass | |
| 1.3.3 Sensory Characteristics Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound. | | pass | |
| 1.3.4 Orientation Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Mobile navigation links cut off in landscape mode on phones. Recommendation: Either change the layout of the mobile navigation to stack or make the navigation scrollable. | Fail | Mixd |
| 1.3.5 Identify Input Purpose The purpose of each input field collecting information about the user can be programmatically determined when: <ul style="list-style-type: none"> • The input field serves a purpose identified in the Input Purposes for User Interface Components section; and • The content is implemented using technologies with support for identifying the expected meaning for form input data. | No inputs collecting information about the user on the page | N/A | |

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| 1.4.1 Use of colour Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. | | Pass | |
| 1.4.2 Audio Control If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level. | No audio on the page | N/A | |
| 1.4.3 Contrast (Minimum) The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: <ul style="list-style-type: none"> • Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; • Incidental text or images that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are part of a picture that contains significant other visual content • Logotypes that include text as part of a logo or brand name | Links within the secondary navigation have insufficient contrast of 3.95 Search input in the header have insufficient contrast of 3.94 Recommendation: Improve the colour contrast of the above areas to meet minimum pass criteria. Point of failure outside our control: CQC widget has insufficient contrast | Fail | Mixd |
| 1.4.4 Resize text Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality. | | Pass | |
| 1.4.5 Images of text If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following: <ul style="list-style-type: none"> • Where the image of text can be visually customized to the user's requirements; • A particular presentation of text is essential to the information being conveyed. | No images of text on the page | N/A | |
| 1.4.10 Reflow Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for: | Items within the mobile navigation are cut off at widths equivalent to 320 CSS pixels. | Fail | Mixd |

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| <ul style="list-style-type: none"> • Vertical scrolling content at a width equivalent to 320 CSS pixels; • Horizontal scrolling content at a height equivalent to 256 CSS pixels. <p>Except for parts of the content which require two-dimensional layout for usage or meaning.</p> | <p>Recommendation: Either change the layout of the mobile navigation to stack or make the links scrollable.</p> | | |
| <p>1.4.11 Non-text Contrast The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s):</p> <ul style="list-style-type: none"> • Visual information required to identify user interface components and states, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author; • Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed. | | Pass | |
| <p>1.4.12 Text Spacing In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property:</p> <ul style="list-style-type: none"> • Line height (line spacing) to at least 1.5 times the font size; • Spacing following paragraphs to at least 2 times the font size; • Letter spacing (tracking) to at least 0.12 times the font size; • Word spacing to at least 0.16 times the font size. | <p>Social links in footer overlap other links when text spacing properties applied. Under 1400px.</p> <p>Recommendation: Change social links so they are not absolutely positioned and flow with the rest of the page.</p> | Fail | Mixd |
| <p>1.4.13 Content on Hover or Focus Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:</p> <ul style="list-style-type: none"> • Dismissable - A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content communicates an input error or does not obscure or replace other content; • Hoverable - If pointer hover can trigger the additional content, then the pointer can be moved over the additional | <p>Dropdown content within navigation cannot be dismissed without moving focus</p> <p>Recommendation: Provide a keyboard command, such as pressing the escape key, to close the content. Or include a close button within the added content.</p> | Fail | Mixd |

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| <p>content without the additional content disappearing;</p> <ul style="list-style-type: none"> • Persistent - The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid. | | | |
| <p>2.1.1 Keyboard</p> <p>All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.</p> | <p>Navigation dropdown menus not triggered by keyboard focus</p> <p>Recommendation: Add keyboard event listeners for navigation elements to show dropdown on focus.</p> | Fail | Mixd |
| <p>2.1.2 No keyboard traps</p> <p>If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away.</p> | | Pass | |
| <p>2.1.4 Character Key Shortcuts</p> <p>If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - A mechanism is available to turn the shortcut off; • Remap - A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc); • Active only on focus - The keyboard shortcut for a user interface component is only active when that component has focus. | No keyboard shortcuts implemented | N/A | |
| <p>2.2.1 Timing Adjustable</p> <p>For each time limit that is set by the content, at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - The user is allowed to turn off the time limit before encountering it; or • Adjust - The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or | No time limits set by the content | N/A | |

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| <ul style="list-style-type: none"> • Extend - The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or • Real-time Exception - The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or • Essential Exception - The time limit is essential and extending it would invalidate the activity; or • 20 Hour Exception - The time limit is longer than 20 hours. | | | |
| <p>2.2.2 Pause, Stop, Hide For moving, blinking, scrolling, or auto-updating information, all of the following are true:</p> <ul style="list-style-type: none"> • Moving, blinking, scrolling - For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and • Auto-updating - For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential. | No moving, blinking, scrolling, or auto-updating information on the page | N/A | |
| <p>2.3.1 Three Flashes or Below Threshold Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds.</p> | No flashing content on the page | N/A | |
| <p>2.4.1 Bypass Blocks A mechanism is available to bypass blocks of content that are repeated on multiple Web pages.</p> | <p>No 'skip to content' link provide</p> <p>Recommendation: Add 'skip to content' link</p> | Fail | Mixd |

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| 2.4.2 Page Titled Web pages have titles that describe topic or purpose. | | Pass | |
| 2.4.3 Focus Order If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability. | Links in footer receive focus out of left-right sequence, social links on the right receive focus before links on the left. Recommendation: Change tab order of footer links so they receive focus in the right order. | Fail | Mixd |
| 2.4.4 Link Purpose (In context) The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. | Social, Care Opinion and Disabled Go links in footer do not have discernible link text. Phone number links do not provide descriptive link text of the purpose of the link or letting the user know what the number is for. Recommendation: Provide link text to describe the purpose of the link. For phone number links, provide an aria-label or hidden label such as 'Call {Hospital}'. | Fail | Mixd |
| 2.4.5 Multiple Ways More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in a process. | | Pass | |
| 2.4.6 Headings and Labels Page headings and labels for form and interactive controls are informative. Avoid duplicating heading (e.g., "More Details") or label text (e.g., "First Name") unless the structure provides adequate differentiation between them. | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 2.4.7 Focus Visible Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. | No focus highlight given to most elements when using a keyboard. Recommendation: | Fail | Mixd |

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| | Provide appropriate focus highlights for interactive elements | | |
| 2.5.1 Pointer Gestures All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | No multipoint or path-based gestures in use on the page. | N/A | |
| 2.5.2 Pointer Cancellation For functionality that can be operated using a single pointer , at least one of the following is true: <ul style="list-style-type: none"> • No Down-Event - The down-event of the pointer is not used to execute any part of the function; • Abort or Undo - Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion; • Up Reversal - The up-event reverses any outcome of the preceding down-event; • Essential - Completing the function on the down-event is essential. | | Pass | |
| 2.5.3 Label in Name For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | | Pass | |
| 2.5.4 Motion Actuation Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when: <ul style="list-style-type: none"> • Supported Interface - The motion is used to operate functionality through an accessibility supported interface; • Essential - The motion is essential for the function and doing so would invalidate the activity. | No motion operated functionality on the page | N/A | |
| 3.1.1 Language of Page The default human language of each Web page can be programmatically determined. | | Pass | |
| 3.1.2 Language of Parts The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical | | Pass | |

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| terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text. | | | |
| 3.2.1 On Focus When any user interface component receives focus, it does not initiate a change of context. | | Pass | |
| 3.2.2 On Input Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component. | | Pass | |
| 3.2.3 Consistent Navigation Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user. | | Pass | |
| 3.2.4 Consistent Identification Components that have the same functionality within a set of Web pages are identified consistently. | | Pass | |
| 3.3.1 Error Identification If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. | No input error automatically detected. Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page. Advised to make the field required and provide an error when no input is given. | N/A | Mixd |
| 3.3.2 Labels or Instructions Labels or instructions are provided when content requires user input. | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 3.3.3 Error Suggestion If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content. | No input error automatically detected. Advisory: The search input in the header does not require an input so | N/A | Mixd |

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| | <p>will allow the user to submit nothing and they get directed to a blank search results page.</p> <p>Advised to make the field required and provide a suggestion when no input is given.</p> | | |
| <p>3.3.4 Error Prevention</p> <p>For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true:</p> <ul style="list-style-type: none"> • Reversible - Submissions are reversible. • Checked - Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. • Confirmed - A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission. | No legal commitments or financial transactions in use on the page | N/A | |
| <p>4.1.1 Parsing</p> <p>In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features.</p> | | Pass | |
| <p>4.1.2 Name, Role, Value</p> <p>For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies.</p> | <p>No label provided for search input in the header</p> <p>Recommendation: Provide descriptive label for the search inputs</p> | Fail | Mixd |
| <p>4.1.3 Status Messages</p> <p>In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus.</p> | No status messages on the page. | N/A | |

Detailed results for: Services

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| URL: | https://www.ulh.nhs.uk/services/ |
| Date audited: | 15/09/2020 |
| Google Lighthouse score: | 88/100 |
| WCAG Checkpoints passed: | 34/50 |

| WCAG Checkpoint | Remarks and explanations | Status | FAO |
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| 1.1.1 Non-text Content All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below: <ul style="list-style-type: none"> • Controls and inputs • Time-based media • Tests and quizzes • Sensory based • CAPTCHA • Decorative or invisible content | Search input does not have associated text label Recommendation: Provide a text label for form inputs | Fail | Mixd |
| 1.2.1 Audio-only and Video-only (Prerecorded) For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such. Prerecorded Audio-only: <ul style="list-style-type: none"> • An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content. Prerecorded Video-only: <ul style="list-style-type: none"> • Either an alternative for time-based media or an audio track is provided that presents equivalent information for prerecorded video-only content. | No prerecorded audio-only or video-only content on the page. | N/A | |
| 1.2.2 Captions (Prerecorded) Captions are provided for all pre recorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | No prerecorded audio-only content on the page. | N/A | |
| 1.2.3 Audio Description or Media Alternative (Prerecorded) An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when | No prerecorded video content on the page. | N/A | |

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| the media is a media alternative for text and is clearly labeled as such. | | | |
| 1.2.4 Captions (Live) Captions are provided for all live audio content in synchronized media. | No live audio content on the page. | N/A | |
| 1.2.5 Audio Description (Prerecorded) Audio description is provided for all prerecorded video content in synchronized media. | No prerecorded video content on the page. | N/A | |
| 1.3.1 Info and Relationships Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. | No text label associated with search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 1.3.2 Meaningful Sequence When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. | | Pass | |
| 1.3.3 Sensory Characteristics Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound. | | pass | |
| 1.3.4 Orientation Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Mobile navigation links cut off in landscape mode on phones. Recommendation: Either change the layout of the mobile navigation to stack or make the navigation scrollable. | Fail | Mixd |
| 1.3.5 Identify Input Purpose The purpose of each input field collecting information about the user can be programmatically determined when: <ul style="list-style-type: none"> • The input field serves a purpose identified in the Input Purposes for User Interface Components section; and • The content is implemented using technologies with support for identifying the expected meaning for form input data. | No inputs collecting information about the user on the page | N/A | |
| 1.4.1 Use of colour | The A-Z links use a different colour for the current item, | Fail | Mixd |

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| Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. | which cannot be understood programmatically. Recommendation: Use the aria-current attribute to help identify which the current element in the sidebar is. | | |
| 1.4.2 Audio Control If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level. | No audio on the page | N/A | |
| 1.4.3 Contrast (Minimum) The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: <ul style="list-style-type: none"> • Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; • Incidental text or images that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are part of a picture that contains significant other visual content • Logotypes that include text as part of a logo or brand name | Links within the secondary navigation have insufficient contrast of 3.95 Search input in the header have insufficient contrast of 3.94 Recommendation: Improve the colour contrast of the above areas to meet minimum pass criteria. Point of failure outside our control: CQC widget has insufficient contrast | Fail | Mixd |
| 1.4.4 Resize text Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality. | | Pass | |
| 1.4.5 Images of text If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following: <ul style="list-style-type: none"> • Where the image of text can be visually customized to the user's requirements; • A particular presentation of text is essential to the information being conveyed. | No images of text on the page | N/A | |
| 1.4.10 Reflow | Items within the mobile navigation are cut off at | Fail | Mixd |

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| <p>Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:</p> <ul style="list-style-type: none"> • Vertical scrolling content at a width equivalent to 320 CSS pixels; • Horizontal scrolling content at a height equivalent to 256 CSS pixels. <p>Except for parts of the content which require two-dimensional layout for usage or meaning.</p> | <p>widths equivalent to 320 CSS pixels.</p> <p>Recommendation: Either change the layout of the mobile navigation to stack or make the links scrollable.</p> | | |
| <p>1.4.11 Non-text Contrast</p> <p>The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s):</p> <ul style="list-style-type: none"> • Visual information required to identify user interface components and states, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author; • Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed. | <p>Arrow icons before the services have insufficient contrast of 1.92</p> <p>Recommendation: Create new arrow icon in a dark colour to improve contrast</p> | Fail | Mixd |
| <p>1.4.12 Text Spacing</p> <p>In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property:</p> <ul style="list-style-type: none"> • Line height (line spacing) to at least 1.5 times the font size; • Spacing following paragraphs to at least 2 times the font size; • Letter spacing (tracking) to at least 0.12 times the font size; • Word spacing to at least 0.16 times the font size. | <p>Social links in footer overlap other links when text spacing properties applied. Under 1400px.</p> <p>Recommendation: Change social links so they are not absolutely positioned and flow with the rest of the page.</p> | Fail | Mixd |
| <p>1.4.13 Content on Hover or Focus</p> <p>Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:</p> <ul style="list-style-type: none"> • Dismissable - A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content communicates an input error or does not obscure or replace other content; | <p>Dropdown content within navigation cannot be dismissed without moving focus</p> <p>Recommendation: Provide a keyboard command, such as pressing the escape key, to close the content. Or include a close button within the added content.</p> | Fail | Mixd |

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| <ul style="list-style-type: none"> • Hoverable - If pointer hover can trigger the additional content, then the pointer can be moved over the additional content without the additional content disappearing; • Persistent - The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid. | | | |
| 2.1.1 Keyboard All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints. | Navigation dropdown menus not triggered by keyboard focus Recommendation: Add keyboard event listeners for navigation elements to show dropdown on focus. | Fail | Mixd |
| 2.1.2 No keyboard traps If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away. | | Pass | |
| 2.1.4 Character Key Shortcuts If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true: <ul style="list-style-type: none"> • Turn off - A mechanism is available to turn the shortcut off; • Remap - A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc); • Active only on focus - The keyboard shortcut for a user interface component is only active when that component has focus. | No keyboard shortcuts implemented | N/A | |
| 2.2.1 Timing Adjustable For each time limit that is set by the content, at least one of the following is true: <ul style="list-style-type: none"> • Turn off - The user is allowed to turn off the time limit before encountering it; or • Adjust - The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten | No time limits set by the content | N/A | |

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| <p>times the length of the default setting; or</p> <ul style="list-style-type: none"> • Extend - The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or • Real-time Exception - The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or • Essential Exception - The time limit is essential and extending it would invalidate the activity; or • 20 Hour Exception - The time limit is longer than 20 hours. | | | |
| <p>2.2.2 Pause, Stop, Hide For moving, blinking, scrolling, or auto-updating information, all of the following are true:</p> <ul style="list-style-type: none"> • Moving, blinking, scrolling - For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and • Auto-updating - For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential. | No moving, blinking, scrolling, or auto-updating information on the page | N/A | |
| <p>2.3.1 Three Flashes or Below Threshold Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds.</p> | No flashing content on the page | N/A | |
| <p>2.4.1 Bypass Blocks A mechanism is available to bypass blocks of content that are repeated on multiple Web pages.</p> | <p>No 'skip to content' link provide</p> <p>Recommendation:</p> | Fail | Mixd |

| | | | |
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| | Add 'skip to content' link | | |
| 2.4.2 Page Titled Web pages have titles that describe topic or purpose. | | Pass | |
| 2.4.3 Focus Order If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability. | Links in footer receive focus out of left-right sequence, social links on the right receive focus before links on the left. Recommendation: Change tab order of footer links so they receive focus in the right order. | Fail | Mixd |
| 2.4.4 Link Purpose (In context) The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. | Social, Care Opinion and Disabled Go links in footer do not have discernible link text. Phone number links do not provide descriptive link text of the purpose of the link or letting the user know what the number is for. Recommendation: Provide link text to describe the purpose of the link. For phone number links, provide an aria-label or hidden label such as 'Call {Hospital}'. | Fail | Mixd |
| 2.4.5 Multiple Ways More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in a process. | | Pass | |
| 2.4.6 Headings and Labels Page headings and labels for form and interactive controls are informative. Avoid duplicating heading (e.g., "More Details") or label text (e.g., "First Name") unless the structure provides adequate differentiation between them. | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 2.4.7 Focus Visible Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. | No focus highlight given to most elements when using a keyboard. | Fail | Mixd |

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| | Recommendation: Provide appropriate focus highlights for interactive elements | | |
| 2.5.1 Pointer Gestures All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | No multipoint or path-based gestures in use on the page. | N/A | |
| 2.5.2 Pointer Cancellation For functionality that can be operated using a single pointer , at least one of the following is true: <ul style="list-style-type: none"> • No Down-Event - The down-event of the pointer is not used to execute any part of the function; • Abort or Undo - Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion; • Up Reversal - The up-event reverses any outcome of the preceding down-event; • Essential - Completing the function on the down-event is essential. | | Pass | |
| 2.5.3 Label in Name For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | | Pass | |
| 2.5.4 Motion Actuation Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when: <ul style="list-style-type: none"> • Supported Interface - The motion is used to operate functionality through an accessibility supported interface; • Essential - The motion is essential for the function and doing so would invalidate the activity. | No motion operated functionality on the page | N/A | |
| 3.1.1 Language of Page The default human language of each Web page can be programmatically determined. | | Pass | |
| 3.1.2 Language of Parts The human language of each passage or phrase in the content can be programmatically | | Pass | |

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| determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text. | | | |
| 3.2.1 On Focus When any user interface component receives focus, it does not initiate a change of context. | | Pass | |
| 3.2.2 On Input Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component. | Upon selecting an item in the 'Filter Services by' at drop down results in a substantial change to the page. Upon clicking one of the letter links it results in a substantial change to the page. Recommendation: Provide a submit button to initiate the change caused by the Services dropdown and letter selection | Fail | Mixd |
| 3.2.3 Consistent Navigation Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user. | | Pass | |
| 3.2.4 Consistent Identification Components that have the same functionality within a set of Web pages are identified consistently. | | Pass | |
| 3.3.1 Error Identification If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. | No input errors automatically detected. Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page. Advised to make the field required and provide an error when no input is given. | N/A | Mixd |
| 3.3.2 Labels or Instructions Labels or instructions are provided when content requires user input. | No label provided for search input in the header | Fail | Mixd |

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| | Recommendation: Provide descriptive label for the search inputs | | |
| 3.3.3 Error Suggestion If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content. | No input errors automatically detected. Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page. Advised to make the field required and provide a suggestion when no input is given. | N/A | Mixd |
| 3.3.4 Error Prevention For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true: <ul style="list-style-type: none"> • Reversible - Submissions are reversible. • Checked - Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. • Confirmed - A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission. | No legal commitments or financial transactions in use on the page | N/A | |
| 4.1.1 Parsing In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features. | | Pass | |
| 4.1.2 Name, Role, Value For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |

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| available to user agents, including assistive technologies. | | | |
| 4.1.3 Status Messages In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus. | No status messages on the page. | N/A | |

Detailed results for: Single services

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| URL: | https://www.ulh.nhs.uk/services/maternity-services/ |
| Date audited: | 15/09/2020 |
| Google Lighthouse score: | 80/100 |
| WCAG Checkpoints passed: | 31/50 |

| WCAG Checkpoint | Remarks and explanations | Status | FAO |
|--|---|--------|------|
| 1.1.1 Non-text Content All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below: <ul style="list-style-type: none"> • Controls and inputs • Time-based media • Tests and quizzes • Sensory based • CAPTCHA • Decorative or invisible content | Search input does not have associated text label Recommendation: Provide a text label for form inputs | Fail | Mixd |
| 1.2.1 Audio-only and Video-only (Prerecorded) For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such. Prerecorded Audio-only: <ul style="list-style-type: none"> • An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content. Prerecorded Video-only: <ul style="list-style-type: none"> • Either an alternative for time-based media or an audio track is provided that presents equivalent information for prerecorded video-only content. | No audio-only or video only content on the page | N/A | |
| 1.2.2 Captions (Prerecorded) Captions are provided for all pre recorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | Video present on the page only contains music content so there is nothing to caption | N/A | |
| 1.2.3 Audio Description or Media Alternative (Prerecorded) An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when | Written content within the YouTube video is not present in a text alternative elsewhere on the page and no transcript is provided | Fail | ULH |

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| | the media is a media alternative for text and is clearly labeled as such. | | |
| | Recommended: Ensure a transcript is provided for every video that includes audi content or contains content that is not presented via the audio track. | | |
| | 1.2.4 Captions (Live) Captions are provided for all live audio content in synchronized media. | No live audio content on the page. | N/A |
| | 1.2.5 Audio Description (Prerecorded) Audio description is provided for all prerecorded video content in synchronized media. Recommended: Ensure a transcript is provided for every video that includes audi content or contains content that is not presented via the audio track. Ensure an appropriate audio description is provided for all prerecorded video content. | Written content within the YouTube video is inaccessible, no transcript or audio description is present. Recommended: Ensure a transcript is provided for every video that includes audi content or contains content that is not presented via the audio track. Ensure an appropriate audio description is provided for all prerecorded video content. | Fail ULH |
| | 1.3.1 Info and Relationships Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. | No text label associated with search input in the header Recommendation: Provide descriptive label for the search inputs Semantic markup not appropriately used within the content of the page. ‘Contact details’ heading is a paragraph tag rather than a heading. List of lists in paragraph tags. Recommendation: Use headings when adding content to pages in WordPress. When presenting lists of links, like the leaflet links on this page, format them as a list as this is better for screen reader users as the screen reader will pause after each item in a list. | Fail Mixd ULH |
| | 1.3.2 Meaningful Sequence | | Pass |

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| When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. | | | |
| 1.3.3 Sensory Characteristics Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound. | | Pass | |
| 1.3.4 Orientation Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Mobile navigation links cut off in landscape mode on phones. Recommendation: Either change the layout of the mobile navigation to stack or make the navigation scrollable. | Fail | Mixd |
| 1.3.5 Identify Input Purpose The purpose of each input field collecting information about the user can be programmatically determined when: <ul style="list-style-type: none"> • The input field serves a purpose identified in the Input Purposes for User Interface Components section; and • The content is implemented using technologies with support for identifying the expected meaning for form input data. | No inputs collecting information about the user on the page | N/A | |
| 1.4.1 Use of colour Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. | | Pass | |
| 1.4.2 Audio Control If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level. | No audio automatically playing on the page | N/A | |
| 1.4.3 Contrast (Minimum) The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: <ul style="list-style-type: none"> • Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; | Links within the secondary navigation have insufficient contrast of 3.95 Search input in the header have insufficient contrast of 3.94 | Fail | Mixd |

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| <ul style="list-style-type: none"> • Incidental text or images that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are part of a picture that contains significant other visual content • Logotypes that include text as part of a logo or brand name | <p>Recommendation: Improve the colour contrast of the above areas to meet minimum pass criteria.</p> <p>Point of failure outside our control: CQC widget has insufficient contrast</p> | | |
| <p>1.4.4 Resize text Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality.</p> | | Pass | |
| <p>1.4.5 Images of text If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following:</p> <ul style="list-style-type: none"> • Where the image of text can be visually customized to the user's requirements; • A particular presentation of text is essential to the information being conveyed. | No images of text on the page | N/A | |
| <p>1.4.10 Reflow Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:</p> <ul style="list-style-type: none"> • Vertical scrolling content at a width equivalent to 320 CSS pixels; • Horizontal scrolling content at a height equivalent to 256 CSS pixels. <p>Except for parts of the content which require two-dimensional layout for usage or meaning.</p> | <p>Items within the mobile navigation are cut off at widths equivalent to 320 CSS pixels.</p> <p>YouTube embed on the page doesn't scale and requires vertical and horizontal scrolling to view all information.</p> <p>Recommendation: Either change the layout of the mobile navigation to stack or make the links scrollable.</p> <p>Style YouTube embeds to properly respond at this zoom level.</p> | Fail | Mixd |
| <p>1.4.11 Non-text Contrast The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s):</p> <ul style="list-style-type: none"> • Visual information required to identify user interface components and states, | <p>Arrow icons in the 'In this section' and 'Related pages' have insufficient contrast of 1.92</p> <p>Recommendation:</p> | Fail | Mixd |

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| <p>except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author;</p> <ul style="list-style-type: none"> Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed. | Create new arrow icon in a dark colour to improve contrast | | |
| <p>1.4.12 Text Spacing</p> <p>In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property:</p> <ul style="list-style-type: none"> Line height (line spacing) to at least 1.5 times the font size; Spacing following paragraphs to at least 2 times the font size; Letter spacing (tracking) to at least 0.12 times the font size; Word spacing to at least 0.16 times the font size. | <p>Social links in footer overlap other links when text spacing properties applied. Under 1400px.</p> <p>Recommendation: Change social links so they are not absolutely positioned and flow with the rest of the page.</p> | Fail | Mixd |
| <p>1.4.13 Content on Hover or Focus</p> <p>Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:</p> <ul style="list-style-type: none"> Dismissable - A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content communicates an input error or does not obscure or replace other content; Hoverable - If pointer hover can trigger the additional content, then the pointer can be moved over the additional content without the additional content disappearing; Persistent - The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid. | <p>Dropdown content within navigation cannot be dismissed without moving focus</p> <p>Recommendation: Provide a keyboard command, such as pressing the escape key, to close the content. Or include a close button within the added content.</p> | Fail | Mixd |
| <p>2.1.1 Keyboard</p> <p>All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.</p> | <p>Navigation dropdown menus not triggered by keyboard focus</p> <p>Recommendation:</p> | Fail | Mixd |

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| | Add keyboard event listeners for navigation elements to show dropdown on focus. | | |
| 2.1.2 No keyboard traps If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away. | | Pass | |
| 2.1.4 Character Key Shortcuts If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true: <ul style="list-style-type: none"> • Turn off - A mechanism is available to turn the shortcut off; • Remap - A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc); • Active only on focus - The keyboard shortcut for a user interface component is only active when that component has focus. | No keyboard shortcuts implemented | N/A | |
| 2.2.1 Timing Adjustable For each time limit that is set by the content, at least one of the following is true: <ul style="list-style-type: none"> • Turn off - The user is allowed to turn off the time limit before encountering it; or • Adjust - The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or • Extend - The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or • Real-time Exception - The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or | No time limits set by the content | N/A | |

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| <ul style="list-style-type: none"> • Essential Exception - The time limit is essential and extending it would invalidate the activity; or • 20 Hour Exception - The time limit is longer than 20 hours. | | | |
| <p>2.2.2 Pause, Stop, Hide For moving, blinking, scrolling, or auto-updating information, all of the following are true:</p> <ul style="list-style-type: none"> • Moving, blinking, scrolling - For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and • Auto-updating - For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential. | No moving, blinking, scrolling, or auto-updating information on the page | N/A | |
| <p>2.3.1 Three Flashes or Below Threshold Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds.</p> | No flashing content on the page | N/A | |
| <p>2.4.1 Bypass Blocks A mechanism is available to bypass blocks of content that are repeated on multiple Web pages.</p> | <p>No 'skip to content' link provide</p> <p>Recommendation: Add 'skip to content' link</p> | Fail | Mixd |
| <p>2.4.2 Page Titled Web pages have titles that describe topic or purpose.</p> | | Pass | |
| <p>2.4.3 Focus Order If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability.</p> | <p>Links in footer receive focus out of left-right sequence, social links on the right receive focus before links on the left.</p> <p>Recommendation:</p> | Fail | Mixd |

| | | | |
|---|--|------|------|
| | Change tab order of footer links so they receive focus in the right order. | | |
| 2.4.4 Link Purpose (In context) The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. | Social, Care Opinion and Disabled Go links in footer do not have discernible link text. Phone number links do not provide descriptive link text of the purpose of the link or letting the user know what the number is for. Recommendation: Provide link text to describe the purpose of the link. For phone number links, provide an aria-label or hidden label such as 'Call {Hospital}'. | Fail | Mixd |
| 2.4.5 Multiple Ways More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in a process. | | Pass | |
| 2.4.6 Headings and Labels Page headings and labels for form and interactive controls are informative. Avoid duplicating heading (e.g., "More Details") or label text (e.g., "First Name") unless the structure provides adequate differentiation between them. | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 2.4.7 Focus Visible Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. | No focus highlight given to most elements when using a keyboard. Recommendation: Provide appropriate focus highlights for interactive elements | Fail | Mixd |
| 2.5.1 Pointer Gestures All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a | No multipoint or path-based gestures in use on the page. | N/A | |

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| path-based gesture, unless a multipoint or path-based gesture is essential. | | | |
| 2.5.2 Pointer Cancellation For functionality that can be operated using a single pointer , at least one of the following is true: <ul style="list-style-type: none"> • No Down-Event - The down-event of the pointer is not used to execute any part of the function; • Abort or Undo - Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion; • Up Reversal - The up-event reverses any outcome of the preceding down-event; • Essential - Completing the function on the down-event is essential. | | Pass | |
| 2.5.3 Label in Name For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | | Pass | |
| 2.5.4 Motion Actuation Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when: <ul style="list-style-type: none"> • Supported Interface - The motion is used to operate functionality through an accessibility supported interface; • Essential - The motion is essential for the function and doing so would invalidate the activity. | No motion operated functionality on the page | N/A | |
| 3.1.1 Language of Page The default human language of each Web page can be programmatically determined. | | Pass | |
| 3.1.2 Language of Parts The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text. | | Pass | |
| 3.2.1 On Focus When any user interface component receives focus, it does not initiate a change of context. | | Pass | |

| | | | |
|---|---|------|------|
| 3.2.2 On Input Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component. | | Pass | |
| 3.2.3 Consistent Navigation Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user. | | Pass | |
| 3.2.4 Consistent Identification Components that have the same functionality within a set of Web pages are identified consistently. | | Pass | |
| 3.3.1 Error Identification If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. | No input errors automatically detected. Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page. Advised to make the field required and provide an error when no input is given. | N/A | Mixd |
| 3.3.2 Labels or Instructions Labels or instructions are provided when content requires user input. | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 3.3.3 Error Suggestion If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content. | No input errors automatically detected. Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page. Advised to make the field required and provide a suggestion when no input is given. | N/A | Mixd |

| | | | |
|--|---|------|------|
| <p>3.3.4 Error Prevention</p> <p>For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true:</p> <ul style="list-style-type: none"> • Reversible - Submissions are reversible. • Checked - Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. • Confirmed - A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission. | No legal commitments or financial transactions in use on the page | N/A | |
| <p>4.1.1 Parsing</p> <p>In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features.</p> | <p>YouTube embed iFrame contains 'frameborder' attribute which is obsolete</p> <p>Recommendation: Remove obsolete attribute from embedding iFrames</p> | Fail | Mixd |
| <p>4.1.2 Name, Role, Value</p> <p>For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies.</p> | <p>No label provided for search input in the header</p> <p>Recommendation: Provide descriptive label for the search inputs</p> | Fail | Mixd |
| <p>4.1.3 Status Messages</p> <p>In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus.</p> | No status messages on the page. | N/A | |

Detailed results for: Contact

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|--------------------------|---------------------------------|
| URL: | https://www.ulh.nhs.uk/contact/ |
| Date audited: | 15/09/2020 |
| Google Lighthouse score: | 83/100 |
| WCAG Checkpoints passed: | 34/50 |

| WCAG Checkpoint | Remarks and explanations | Status | FAO |
|--|--|--------|------|
| 1.1.1 Non-text Content All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below: <ul style="list-style-type: none"> Controls and inputs Time-based media Tests and quizzes Sensory based CAPTCHA Decorative or invisible content | Search input does not have associated text label Google Maps iFrames are not appropriately titled Recommendation: Provide a text label for form inputs Provide a descriptive title tag on iFrames | Fail | Mixd |
| 1.2.1 Audio-only and Video-only (Prerecorded) For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such. Prerecorded Audio-only: <ul style="list-style-type: none"> An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content. Prerecorded Video-only: <ul style="list-style-type: none"> Either an alternative for time-based media or an audio track is provided that presents equivalent information for prerecorded video-only content. | No prerecorded audio-only or video-only content on the page. | N/A | |
| 1.2.2 Captions (Prerecorded) Captions are provided for all pre recorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | No prerecorded audio-only content on the page. | N/A | |
| 1.2.3 Audio Description or Media Alternative (Prerecorded) An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when | No prerecorded video content on the page. | N/A | |

| | | | |
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| the media is a media alternative for text and is clearly labeled as such. | | | |
| 1.2.4 Captions (Live) Captions are provided for all live audio content in synchronized media. | No live audio content on the page. | N/A | |
| 1.2.5 Audio Description (Prerecorded) Audio description is provided for all prerecorded video content in synchronized media. | No prerecorded video content on the page. | N/A | |
| 1.3.1 Info and Relationships Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. | No text label associated with search input in the header Recommendation: Provide descriptive label for the search inputs Advisory: Semantic markup could be better utilised in this template. For example, a div with the class of footer is currently used where a footer tag would be better. | Fail | Mixd |
| 1.3.2 Meaningful Sequence When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. | | Pass | |
| 1.3.3 Sensory Characteristics Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound. | | Pass | |
| 1.3.4 Orientation Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Mobile navigation links cut off in landscape mode on phones. Recommendation: Either change the layout of the mobile navigation to stack or make the navigation scrollable. | Fail | Mixd |
| 1.3.5 Identify Input Purpose The purpose of each input field collecting information about the user can be programmatically determined when: <ul style="list-style-type: none"> The input field serves a purpose identified in the Input Purposes for | No inputs collecting information about the user on the page | N/A | |

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| <p>User Interface Components section; and</p> <ul style="list-style-type: none"> The content is implemented using technologies with support for identifying the expected meaning for form input data. | | | |
| <p>1.4.1 Use of colour</p> <p>Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.</p> | | Pass | |
| <p>1.4.2 Audio Control</p> <p>If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level.</p> | No audio automatically playing on the page | N/A | |
| <p>1.4.3 Contrast (Minimum)</p> <p>The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following:</p> <ul style="list-style-type: none"> Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; Incidental text or images that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are part of a picture that contains significant other visual content Logotypes that include text as part of a logo or brand name | <p>Links within the secondary navigation have insufficient contrast of 3.95</p> <p>Search input in the header have insufficient contrast of 3.94</p> <p>Getting here, Car parkings, Visiting times, Hospital maps link on the darker background have insufficient contrast of 4.48</p> <p>Recommendation: Improve the colour contrast of the above areas to meet minimum pass criteria.</p> <p>Point of failure outside our control: CQC widget has insufficient contrast</p> | Fail | Mixd |
| <p>1.4.4 Resize text</p> <p>Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality.</p> | | Pass | |
| <p>1.4.5 Images of text</p> <p>If the technologies being used can achieve the visual presentation, text is used to convey</p> | No images of text on the page | N/A | |

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| <p>information rather than images of text except for the following:</p> <ul style="list-style-type: none"> • Where the image of text can be visually customized to the user's requirements; • A particular presentation of text is essential to the information being conveyed. | | | |
| <p>1.4.10 Reflow</p> <p>Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:</p> <ul style="list-style-type: none"> • Vertical scrolling content at a width equivalent to 320 CSS pixels; • Horizontal scrolling content at a height equivalent to 256 CSS pixels. <p>Except for parts of the content which require two-dimensional layout for usage or meaning.</p> | <p>Items within the mobile navigation are cut off at widths equivalent to 320 CSS pixels.</p> <p>Recommendation: Either change the layout of the mobile navigation to stack or make the links scrollable.</p> | Fail | Mixd |
| <p>1.4.11 Non-text Contrast</p> <p>The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s):</p> <ul style="list-style-type: none"> • Visual information required to identify user interface components and states, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author; • Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed. | | Pass | |
| <p>1.4.12 Text Spacing</p> <p>In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property:</p> <ul style="list-style-type: none"> • Line height (line spacing) to at least 1.5 times the font size; • Spacing following paragraphs to at least 2 times the font size; • Letter spacing (tracking) to at least 0.12 times the font size; • Word spacing to at least 0.16 times the font size. | <p>Social links in footer overlap other links when text spacing properties applied. Under 1400px.</p> <p>Recommendation: Change social links so they are not absolutely positioned and flow with the rest of the page.</p> | Fail | Mixd |
| <p>1.4.13 Content on Hover or Focus</p> <p>Where receiving and then removing pointer hover or keyboard focus triggers additional</p> | <p>Dropdown content within navigation cannot be dismissed without moving focus</p> | Fail | Mixd |

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| <p>content to become visible and then hidden, the following are true:</p> <ul style="list-style-type: none"> • Dismissable - A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content communicates an input error or does not obscure or replace other content; • Hoverable - If pointer hover can trigger the additional content, then the pointer can be moved over the additional content without the additional content disappearing; • Persistent - The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid. | <p>Recommendation: Provide a keyboard command, such as pressing the escape key, to close the content. Or include a close button within the added content.</p> | | |
| <p>2.1.1 Keyboard All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.</p> | <p>Navigation dropdown menus not triggered by keyboard focus</p> <p>Recommendation: Add keyboard event listeners for navigation elements to show dropdown on focus.</p> | Fail | Mixd |
| <p>2.1.2 No keyboard traps If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away.</p> | | Pass | |
| <p>2.1.4 Character Key Shortcuts If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - A mechanism is available to turn the shortcut off; • Remap - A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc); • Active only on focus - The keyboard shortcut for a user interface component is only active when that component has focus. | No keyboard shortcuts implemented | N/A | |

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| <p>2.2.1 Timing Adjustable</p> <p>For each time limit that is set by the content, at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - The user is allowed to turn off the time limit before encountering it; or • Adjust - The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or • Extend - The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or • Real-time Exception - The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or • Essential Exception - The time limit is essential and extending it would invalidate the activity; or • 20 Hour Exception - The time limit is longer than 20 hours. | No time limits set by the content | N/A | |
| <p>2.2.2 Pause, Stop, Hide</p> <p>For moving, blinking, scrolling, or auto-updating information, all of the following are true:</p> <ul style="list-style-type: none"> • Moving, blinking, scrolling - For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and • Auto-updating - For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential. | No moving, blinking, scrolling, or auto-updating information on the page | N/A | |

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| 2.3.1 Three Flashes or Below Threshold Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds. | No flashing content on the page | N/A | |
| 2.4.1 Bypass Blocks A mechanism is available to bypass blocks of content that are repeated on multiple Web pages. | No 'skip to content' link provide Recommendation: Add 'skip to content' link | Fail | Mixd |
| 2.4.2 Page Titled Web pages have titles that describe topic or purpose. | | Pass | |
| 2.4.3 Focus Order If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability. | Links in footer receive focus out of expected left-right sequence, social links on the right receive focus before links on the left. Recommendation: Change tab order of footer links so they receive focus in the right order. | Fail | Mixd |
| 2.4.4 Link Purpose (In context) The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. | Social, Care Opinion and Disabled Go links in footer do not have discernible link text. Phone number links do not provide descriptive link text of the purpose of the link or letting the user know what the number is for. Recommendation: Provide link text to describe the purpose of the link. For phone number links, provide an aria-label or hidden label such as 'Call {Hospital}'. | Fail | Mixd |
| 2.4.5 Multiple Ways More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in a process. | | Pass | |
| 2.4.6 Headings and Labels | No label provided for search input in the header | Fail | Mixd |

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| Page headings and labels for form and interactive controls are informative. Avoid duplicating heading (e.g., "More Details") or label text (e.g., "First Name") unless the structure provides adequate differentiation between them. | Recommendation: Provide descriptive label for the search inputs | | |
| 2.4.7 Focus Visible Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. | No focus highlight given to most elements when using a keyboard. Recommendation: Provide appropriate focus highlights for interactive elements | Fail | Mixd |
| 2.5.1 Pointer Gestures All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | No multipoint or path-based gestures in use on the page. | N/A | |
| 2.5.2 Pointer Cancellation For functionality that can be operated using a single pointer , at least one of the following is true: <ul style="list-style-type: none"> • No Down-Event - The down-event of the pointer is not used to execute any part of the function; • Abort or Undo - Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion; • Up Reversal - The up-event reverses any outcome of the preceding down-event; • Essential - Completing the function on the down-event is essential. | | Pass | |
| 2.5.3 Label in Name For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | | Pass | |
| 2.5.4 Motion Actuation Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when: | No motion operated functionality on the page | N/A | |

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| <ul style="list-style-type: none"> • Supported Interface - The motion is used to operate functionality through an accessibility supported interface; • Essential - The motion is essential for the function and doing so would invalidate the activity. | | | |
| 3.1.1 Language of Page The default human language of each Web page can be programmatically determined. | | Pass | |
| 3.1.2 Language of Parts The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text. | | Pass | |
| 3.2.1 On Focus When any user interface component receives focus, it does not initiate a change of context. | | Pass | |
| 3.2.2 On Input Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component. | | Pass | |
| 3.2.3 Consistent Navigation Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user. | | Pass | |
| 3.2.4 Consistent Identification Components that have the same functionality within a set of Web pages are identified consistently. | | Pass | |
| 3.3.1 Error Identification If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. | No input errors automatically detected. Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page. | N/A | Mixd |

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| | Advised to make the field required and provide an error when no input is given. | | |
| 3.3.2 Labels or Instructions Labels or instructions are provided when content requires user input. | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 3.3.3 Error Suggestion If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content. | No input errors automatically detected. Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page. Advised to make the field required and provide a suggestion when no input is given. | N/A | Mixd |
| 3.3.4 Error Prevention For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true: <ul style="list-style-type: none"> • Reversible - Submissions are reversible. • Checked - Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. • Confirmed - A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission. | No legal commitments or financial transactions in use on the page | N/A | |
| 4.1.1 Parsing In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features. | HTML errors on Google Maps iFrames: <ul style="list-style-type: none"> - Webkitallowfullscreen not allied on iframe element at this point - Mozallowfullscreen not allowed on iframe element at this point - Frameborder attribute on the iframe is obsolete | Fail | Mixd |

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| | Recommendation: Remove attributes that are not allowed or obsolete. | | |
| 4.1.2 Name, Role, Value For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies. | Google Maps iframes do not have a title, descriptive header or description of purpose Recommendation: Include a descriptive heading right before the iFrame to describe the purpose of the map. Describe the landmarks shown on the map. Add a title attribute to the iFrame | Fail | Mixd |
| 4.1.3 Status Messages In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus. | No status messages on the page. | N/A | |

Detailed results for: News and events

| | |
|--------------------------|---|
| URL: | https://www.ulh.nhs.uk/news/ |
| Date audited: | 15/09/2020 |
| Google Lighthouse score: | 83/100 |
| WCAG Checkpoints passed: | 33/50 |

| WCAG Checkpoint | Remarks and explanations | Status | FAO |
|--|--|--------|------|
| 1.1.1 Non-text Content All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below: <ul style="list-style-type: none"> • Controls and inputs • Time-based media • Tests and quizzes • Sensory based • CAPTCHA • Decorative or invisible content | Search input does not have associated text label Recommendation: Provide a text label for form inputs | Fail | Mixd |
| 1.2.1 Audio-only and Video-only (Prerecorded) For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such. Prerecorded Audio-only: <ul style="list-style-type: none"> • An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content. Prerecorded Video-only: <ul style="list-style-type: none"> • Either an alternative for time-based media or an audio track is provided that presents equivalent information for prerecorded video-only content. | No prerecorded audio-only or video-only content on the page. | N/A | |
| 1.2.2 Captions (Prerecorded) Captions are provided for all pre recorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | No prerecorded audio-only content on the page. | N/A | |
| 1.2.3 Audio Description or Media Alternative (Prerecorded) An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when | No prerecorded video content on the page. | N/A | |

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| the media is a media alternative for text and is clearly labeled as such. | | | |
| 1.2.4 Captions (Live) Captions are provided for all live audio content in synchronized media. | No live audio content on the page. | N/A | |
| 1.2.5 Audio Description (Prerecorded) Audio description is provided for all prerecorded video content in synchronized media. | No prerecorded video content on the page. | N/A | |
| 1.3.1 Info and Relationships Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. | No text label associated with search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 1.3.2 Meaningful Sequence When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. | | Pass | |
| 1.3.3 Sensory Characteristics Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound. | | Pass | |
| 1.3.4 Orientation Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Mobile navigation links cut off in landscape mode on phones. Recommendation: Either change the layout of the mobile navigation to stack or make the navigation scrollable. | Fail | Mixd |
| 1.3.5 Identify Input Purpose The purpose of each input field collecting information about the user can be programmatically determined when: <ul style="list-style-type: none"> • The input field serves a purpose identified in the Input Purposes for User Interface Components section; and • The content is implemented using technologies with support for identifying the expected meaning for form input data. | No inputs collecting information about the user on the page | N/A | |
| 1.4.1 Use of colour | | Pass | |

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| Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. | | | |
| 1.4.2 Audio Control If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level. | No audio automatically playing on the page | N/A | |
| 1.4.3 Contrast (Minimum) The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: <ul style="list-style-type: none"> • Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; • Incidental text or images that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that • are part of a picture that contains significant other visual content • Logotypes that include text as part of a logo or brand name | Links within the secondary navigation have insufficient contrast of 3.95 Search input in the header have insufficient contrast of 3.94 Recommendation: Improve the colour contrast of the above areas to meet minimum pass criteria. Point of failure outside our control: CQC widget has insufficient contrast | Fail | Mixd |
| 1.4.4 Resize text Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality. | | Pass | |
| 1.4.5 Images of text If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following: <ul style="list-style-type: none"> • Where the image of text can be visually customized to the user's requirements; • A particular presentation of text is essential to the information being conveyed. | No images of text on the page | N/A | |
| 1.4.10 Reflow Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for: <ul style="list-style-type: none"> • Vertical scrolling content at a width equivalent to 320 CSS pixels; | Items within the mobile navigation are cut off at widths equivalent to 320 CSS pixels. Recommendation: | Fail | Mixd |

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| <ul style="list-style-type: none"> • Horizontal scrolling content at a height equivalent to 256 CSS pixels. Except for parts of the content which require two-dimensional layout for usage or meaning. | Either change the layout of the mobile navigation to stack or make the links scrollable. | | |
| <p>1.4.11 Non-text Contrast</p> <p>The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s):</p> <ul style="list-style-type: none"> • Visual information required to identify user interface components and states, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author; • Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed. | <p>Arrow icons in 'Categories' and 'Archive' have insufficient contrast of 1.92</p> <p>Recommendation: Create new arrow icon in a dark colour to improve contrast</p> | Fail | Mixd |
| <p>1.4.12 Text Spacing</p> <p>In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property:</p> <ul style="list-style-type: none"> • Line height (line spacing) to at least 1.5 times the font size; • Spacing following paragraphs to at least 2 times the font size; • Letter spacing (tracking) to at least 0.12 times the font size; • Word spacing to at least 0.16 times the font size. | <p>Social links in footer overlap other links when text spacing properties applied. Under 1400px</p> <p>Pagination gets covered by the sidebar when these styles are applied so causes a loss of functionality</p> <p>Recommendation: Change social links so they are not absolutely positioned and flow with the rest of the page.</p> <p>Force the sidebar to sit under than pagination so their functionality isn't blocked.</p> | Fail | Mixd |
| <p>1.4.13 Content on Hover or Focus</p> <p>Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:</p> <ul style="list-style-type: none"> • Dismissable - A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content communicates an input error or does not obscure or replace other content; | <p>Dropdown content within navigation cannot be dismissed without moving focus</p> <p>Recommendation: Provide a keyboard command, such as pressing the escape key, to close the content. Or include a close button within the added content.</p> | Fail | Mixd |

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| <ul style="list-style-type: none"> • Hoverable - If pointer hover can trigger the additional content, then the pointer can be moved over the additional content without the additional content disappearing; • Persistent - The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid. | | | |
| 2.1.1 Keyboard All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints. | Navigation dropdown menus not triggered by keyboard focus Recommendation: Add keyboard event listeners for navigation elements to show dropdown on focus. | Fail | Mixd |
| 2.1.2 No keyboard traps If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away. | | Pass | |
| 2.1.4 Character Key Shortcuts If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true: <ul style="list-style-type: none"> • Turn off - A mechanism is available to turn the shortcut off; • Remap - A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc); • Active only on focus - The keyboard shortcut for a user interface component is only active when that component has focus. | No keyboard shortcuts implemented | N/A | |
| 2.2.1 Timing Adjustable For each time limit that is set by the content, at least one of the following is true: <ul style="list-style-type: none"> • Turn off - The user is allowed to turn off the time limit before encountering it; or • Adjust - The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten | No time limits set by the content | N/A | |

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| <p>times the length of the default setting; or</p> <ul style="list-style-type: none"> • Extend - The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or • Real-time Exception - The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or • Essential Exception - The time limit is essential and extending it would invalidate the activity; or • 20 Hour Exception - The time limit is longer than 20 hours. | | | |
| <p>2.2.2 Pause, Stop, Hide For moving, blinking, scrolling, or auto-updating information, all of the following are true:</p> <ul style="list-style-type: none"> • Moving, blinking, scrolling - For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and • Auto-updating - For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential. | No moving, blinking, scrolling, or auto-updating information on the page | N/A | |
| <p>2.3.1 Three Flashes or Below Threshold Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds.</p> | No flashing content on the page | N/A | |
| <p>2.4.1 Bypass Blocks A mechanism is available to bypass blocks of content that are repeated on multiple Web pages.</p> | <p>No 'skip to content' link provide</p> <p>Recommendation:</p> | Fail | Mixd |

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| | Add 'skip to content' link | | |
| 2.4.2 Page Titled Web pages have titles that describe topic or purpose. | When filtering using the Archive data options, the title is simply the date chosen, i.e. July 2020, which is not descriptive of the page. Recommendation: Provide more descriptive page titles when the news has been filters, e.g. News and Events July 2020 | Fail | Mixd |
| 2.4.3 Focus Order If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability. | Links in footer receive focus out of expected left-right sequence, social links on the right receive focus before links on the left. Recommendation: Change tab order of footer links so they receive focus in the right order. | Fail | Mixd |
| 2.4.4 Link Purpose (In context) The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. | Social, Care Opinion and Disabled Go links in footer do not have discernible link text. Phone number links do not provide descriptive link text of the purpose of the link or letting the user know what the number is for. Recommendation: Provide link text to describe the purpose of the link. For phone number links, provide an aria-label or hidden label such as 'Call {Hospital}'. | Fail | Mixd |
| 2.4.5 Multiple Ways More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in a process. | | Pass | |
| 2.4.6 Headings and Labels Page headings and labels for form and interactive controls are informative. Avoid duplicating heading (e.g., "More Details") or | No label provided for search input in the header Recommendation: | Fail | Mixd |

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| label text (e.g., "First Name") unless the structure provides adequate differentiation between them. | Provide descriptive label for the search inputs | | |
| 2.4.7 Focus Visible Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. | No focus highlight given to most elements when using a keyboard. Recommendation: Provide appropriate focus highlights for interactive elements | Fail | Mixd |
| 2.5.1 Pointer Gestures All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | No multipoint or path-based gestures in use on the page. | N/A | |
| 2.5.2 Pointer Cancellation For functionality that can be operated using a single pointer , at least one of the following is true: <ul style="list-style-type: none"> • No Down-Event - The down-event of the pointer is not used to execute any part of the function; • Abort or Undo - Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion; • Up Reversal - The up-event reverses any outcome of the preceding down-event; • Essential - Completing the function on the down-event is essential. | | Pass | |
| 2.5.3 Label in Name For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | | Pass | |
| 2.5.4 Motion Actuation Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when: <ul style="list-style-type: none"> • Supported Interface - The motion is used to operate functionality through an accessibility supported interface; | No motion operated functionality on the page | N/A | |

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| <ul style="list-style-type: none"> • Essential - The motion is essential for the function and doing so would invalidate the activity. | | | |
| 3.1.1 Language of Page The default human language of each Web page can be programmatically determined. | | Pass | |
| 3.1.2 Language of Parts The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text. | | Pass | |
| 3.2.1 On Focus When any user interface component receives focus, it does not initiate a change of context. | | Pass | |
| 3.2.2 On Input Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component. | | Pass | |
| 3.2.3 Consistent Navigation Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user. | | Pass | |
| 3.2.4 Consistent Identification Components that have the same functionality within a set of Web pages are identified consistently. | | Pass | |
| 3.3.1 Error Identification If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. | No input errors automatically detected. Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page. Advised to make the field required and provide an error when no input is given. | N/A | Mixd |

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| 3.3.2 Labels or Instructions Labels or instructions are provided when content requires user input. | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 3.3.3 Error Suggestion If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content. | No input errors automatically detected. Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page. Advised to make the field required and provide a suggestion when no input is given. | N/A | Mixd |
| 3.3.4 Error Prevention For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true: <ul style="list-style-type: none"> • Reversible - Submissions are reversible. • Checked - Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. • Confirmed - A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission. | No legal commitments or financial transactions in use on the page | N/A | |
| 4.1.1 Parsing In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features. | | Pass | |
| 4.1.2 Name, Role, Value For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |

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| the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies. | | | |
| 4.1.3 Status Messages In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus. | No status messages on the page. | N/A | |

Detailed results for: Governing body members

| | |
|---------------------------------|---|
| URL: | https://www.ulh.nhs.uk/about/trust-board/ |
| Date audited: | 16/09/2020 |
| Google Lighthouse score: | 80/100 |
| WCAG Checkpoints passed: | 33/50 |

| WCAG Checkpoint | Remarks and explanations | Status | FAO |
|--|--|--------|------|
| 1.1.1 Non-text Content All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below: <ul style="list-style-type: none"> • Controls and inputs • Time-based media • Tests and quizzes • Sensory based • CAPTCHA • Decorative or invisible content | Search input does not have associated text label Recommendation: Provide a text label for form inputs | Fail | Mixd |
| 1.2.1 Audio-only and Video-only (Prerecorded) For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such. Prerecorded Audio-only: <ul style="list-style-type: none"> • An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content. Prerecorded Video-only: <ul style="list-style-type: none"> • Either an alternative for time-based media or an audio track is provided that presents equivalent information for prerecorded video-only content. | No prerecorded audio-only or video-only content on the page. | N/A | |
| 1.2.2 Captions (Prerecorded) Captions are provided for all pre recorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | No prerecorded audio-only content on the page. | N/A | |
| 1.2.3 Audio Description or Media Alternative (Prerecorded) An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when | No prerecorded video content on the page. | N/A | |

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| the media is a media alternative for text and is clearly labeled as such. | | | |
| 1.2.4 Captions (Live) Captions are provided for all live audio content in synchronized media. | No live audio content on the page. | N/A | |
| 1.2.5 Audio Description (Prerecorded) Audio description is provided for all prerecorded video content in synchronized media. | No prerecorded video content on the page. | N/A | |
| 1.3.1 Info and Relationships Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. | No text label associated with search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 1.3.2 Meaningful Sequence When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. | | Pass | |
| 1.3.3 Sensory Characteristics Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound. | | pass | |
| 1.3.4 Orientation Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Mobile navigation links cut off in landscape mode on phones. Recommendation: Either change the layout of the mobile navigation to stack or make the navigation scrollable. | Fail | Mixd |
| 1.3.5 Identify Input Purpose The purpose of each input field collecting information about the user can be programmatically determined when: <ul style="list-style-type: none"> • The input field serves a purpose identified in the Input Purposes for User Interface Components section; and • The content is implemented using technologies with support for identifying the expected meaning for form input data. | No inputs collecting information about the user on the page | N/A | |
| 1.4.1 Use of colour | The sidebar uses a different colour for the current item, | Fail | Mixd |

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| Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. | which cannot be understood programmatically. Recommendation: Use the aria-current attribute to help identify which the current element in the sidebar is. | | |
| 1.4.2 Audio Control If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level. | No audio automatically playing on the page | N/A | |
| 1.4.3 Contrast (Minimum) The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: <ul style="list-style-type: none"> • Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; • Incidental text or images that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are part of a picture that contains significant other visual content • Logotypes that include text as part of a logo or brand name | Links within the secondary navigation have insufficient contrast of 3.95 Search input in the header have insufficient contrast of 3.94 Recommendation: Improve the colour contrast of the above areas to meet minimum pass criteria. Point of failure outside our control: CQC widget has insufficient contrast | Fail | Mixd |
| 1.4.4 Resize text Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality. | | Pass | |
| 1.4.5 Images of text If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following: <ul style="list-style-type: none"> • Where the image of text can be visually customized to the user's requirements; • A particular presentation of text is essential to the information being conveyed. | No images of text on the page | N/A | |

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| <p>1.4.10 Reflow</p> <p>Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:</p> <ul style="list-style-type: none"> • Vertical scrolling content at a width equivalent to 320 CSS pixels; • Horizontal scrolling content at a height equivalent to 256 CSS pixels. <p>Except for parts of the content which require two-dimensional layout for usage or meaning.</p> | <p>Items within the mobile navigation are cut off at widths equivalent to 320 CSS pixels.</p> <p>Recommendation: Either change the layout of the mobile navigation to stack or make the links scrollable.</p> | Fail | Mixd |
| <p>1.4.11 Non-text Contrast</p> <p>The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s):</p> <ul style="list-style-type: none"> • Visual information required to identify user interface components and states, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author; • Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed. | <p>Arrow icons in 'In this section' and 'Related' have insufficient contrast of 1.92</p> <p>Recommendation: Create new arrow icon in a dark colour to improve contrast</p> | Fail | Mixd |
| <p>1.4.12 Text Spacing</p> <p>In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property:</p> <ul style="list-style-type: none"> • Line height (line spacing) to at least 1.5 times the font size; • Spacing following paragraphs to at least 2 times the font size; • Letter spacing (tracking) to at least 0.12 times the font size; • Word spacing to at least 0.16 times the font size. | <p>Social links in footer overlap other links when text spacing properties applied and block usage of those links. Under 1400px.</p> <p>Recommendation: Change social links so they are not absolutely positioned and flow with the rest of the page.</p> | Fail | Mixd |
| <p>1.4.13 Content on Hover or Focus</p> <p>Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:</p> <ul style="list-style-type: none"> • Dismissable - A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content communicates an input error or does not obscure or replace other content; | <p>Dropdown content within navigation cannot be dismissed without moving focus</p> <p>Recommendation: Provide a keyboard command, such as pressing the escape key, to close the content. Or include a close button within the added content.</p> | Fail | Mixd |

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| <ul style="list-style-type: none"> • Hoverable - If pointer hover can trigger the additional content, then the pointer can be moved over the additional content without the additional content disappearing; • Persistent - The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid. | | | |
| <p>2.1.1 Keyboard</p> <p>All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.</p> | <p>Navigation dropdown menus not triggered by keyboard focus</p> <p>Recommendation: Add keyboard event listeners for navigation elements to show dropdown on focus.</p> | Fail | Mixd |
| <p>2.1.2 No keyboard traps</p> <p>If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away.</p> | | Pass | |
| <p>2.1.4 Character Key Shortcuts</p> <p>If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - A mechanism is available to turn the shortcut off; • Remap - A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc); • Active only on focus - The keyboard shortcut for a user interface component is only active when that component has focus. | No keyboard shortcuts implemented | N/A | |
| <p>2.2.1 Timing Adjustable</p> <p>For each time limit that is set by the content, at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - The user is allowed to turn off the time limit before encountering it; or • Adjust - The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten | No time limits set by the content | N/A | |

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| <p>times the length of the default setting; or</p> <ul style="list-style-type: none"> • Extend - The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or • Real-time Exception - The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or • Essential Exception - The time limit is essential and extending it would invalidate the activity; or • 20 Hour Exception - The time limit is longer than 20 hours. | | | |
| <p>2.2.2 Pause, Stop, Hide For moving, blinking, scrolling, or auto-updating information, all of the following are true:</p> <ul style="list-style-type: none"> • Moving, blinking, scrolling - For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and • Auto-updating - For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential. | No moving, blinking, scrolling, or auto-updating information on the page | N/A | |
| <p>2.3.1 Three Flashes or Below Threshold Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds.</p> | No flashing content on the page | N/A | |
| <p>2.4.1 Bypass Blocks A mechanism is available to bypass blocks of content that are repeated on multiple Web pages.</p> | <p>No 'skip to content' link provide</p> <p>Recommendation:</p> | Fail | Mixd |

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| | Add 'skip to content' link | | |
| 2.4.2 Page Titled Web pages have titles that describe topic or purpose. | | Pass | |
| 2.4.3 Focus Order If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability. | Links in footer receive focus out of expected left-right sequence, social links on the right receive focus before links on the left. Recommendation: Change tab order of footer links so they receive focus in the right order. | Fail | Mixd |
| 2.4.4 Link Purpose (In context) The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. | Social, Care Opinion and Disabled Go links in footer do not have discernible link text. Phone number links do not provide descriptive link text of the purpose of the link or letting the user know what the number is for. Recommendation: Provide link text to describe the purpose of the link. For phone number links, provide an aria-label or hidden label such as 'Call {Hospital}'. | Fail | Mixd |
| 2.4.5 Multiple Ways More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in a process. | | Pass | |
| 2.4.6 Headings and Labels Page headings and labels for form and interactive controls are informative. Avoid duplicating heading (e.g., "More Details") or label text (e.g., "First Name") unless the structure provides adequate differentiation between them. | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 2.4.7 Focus Visible Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. | No focus highlight given to most elements when using a keyboard. | Fail | Mixd |

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| | Recommendation: Provide appropriate focus highlights for interactive elements | | |
| 2.5.1 Pointer Gestures All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | No multipoint or path-based gestures in use on the page. | N/A | |
| 2.5.2 Pointer Cancellation For functionality that can be operated using a single pointer , at least one of the following is true: <ul style="list-style-type: none"> • No Down-Event - The down-event of the pointer is not used to execute any part of the function; • Abort or Undo - Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion; • Up Reversal - The up-event reverses any outcome of the preceding down-event; • Essential - Completing the function on the down-event is essential. | | Pass | |
| 2.5.3 Label in Name For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | | Pass | |
| 2.5.4 Motion Actuation Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when: <ul style="list-style-type: none"> • Supported Interface - The motion is used to operate functionality through an accessibility supported interface; • Essential - The motion is essential for the function and doing so would invalidate the activity. | No motion operated functionality on the page | N/A | |
| 3.1.1 Language of Page The default human language of each Web page can be programmatically determined. | | Pass | |
| 3.1.2 Language of Parts The human language of each passage or phrase in the content can be programmatically | | Pass | |

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| determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text. | | | |
| 3.2.1 On Focus When any user interface component receives focus, it does not initiate a change of context. | | Pass | |
| 3.2.2 On Input Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component. | | Pass | |
| 3.2.3 Consistent Navigation Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user. | | Pass | |
| 3.2.4 Consistent Identification Components that have the same functionality within a set of Web pages are identified consistently. | | Pass | |
| 3.3.1 Error Identification If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. | No input errors automatically detected. Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page. Advised to make the field required and provide an error when no input is given. | N/A | Mixd |
| 3.3.2 Labels or Instructions Labels or instructions are provided when content requires user input. | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 3.3.3 Error Suggestion If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it | No input errors automatically detected. Advisory: | N/A | Mixd |

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| would jeopardize the security or purpose of the content. | <p>The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page.</p> <p>Advised to make the field required and provide a suggestion when no input is given.</p> | | |
| <p>3.3.4 Error Prevention</p> <p>For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true:</p> <ul style="list-style-type: none"> • Reversible - Submissions are reversible. • Checked - Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. • Confirmed - A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission. | No legal commitments or financial transactions in use on the page | N/A | |
| <p>4.1.1 Parsing</p> <p>In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features.</p> | | Pass | |
| <p>4.1.2 Name, Role, Value</p> <p>For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies.</p> | <p>No label provided for search input in the header</p> <p>Recommendation: Provide descriptive label for the search inputs</p> | Fail | Mixd |
| <p>4.1.3 Status Messages</p> <p>In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to</p> | No status messages on the page. | N/A | |

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| the user by assistive technologies without receiving focus. | | | |
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Detailed results for: Section (Featured)

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| URL: | https://www.ulh.nhs.uk/patients/ |
| Date audited: | 16/09/2020 |
| Google Lighthouse score: | 80/100 |
| WCAG Checkpoints passed: | 35/50 |

| WCAG Checkpoint | Remarks and explanations | Status | FAO |
|--|--|--------|------|
| 1.1.1 Non-text Content All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below: <ul style="list-style-type: none"> • Controls and inputs • Time-based media • Tests and quizzes • Sensory based • CAPTCHA • Decorative or invisible content | Search input does not have associated text label Recommendation: Provide a text label for form inputs | Fail | Mixd |
| 1.2.1 Audio-only and Video-only (Prerecorded) For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such. Prerecorded Audio-only: <ul style="list-style-type: none"> • An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content. Prerecorded Video-only: <ul style="list-style-type: none"> • Either an alternative for time-based media or an audio track is provided that presents equivalent information for prerecorded video-only content. | No prerecorded audio-only or video-only content on the page. | N/A | |
| 1.2.2 Captions (Prerecorded) Captions are provided for all pre recorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | No prerecorded audio-only content on the page. | N/A | |
| 1.2.3 Audio Description or Media Alternative (Prerecorded) An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when | No prerecorded video content on the page. | N/A | |

| | | | |
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| the media is a media alternative for text and is clearly labeled as such. | | | |
| 1.2.4 Captions (Live) Captions are provided for all live audio content in synchronized media. | No live audio content on the page. | N/A | |
| 1.2.5 Audio Description (Prerecorded) Audio description is provided for all prerecorded video content in synchronized media. | No prerecorded video content on the page. | N/A | |
| 1.3.1 Info and Relationships Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. | No text label associated with search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 1.3.2 Meaningful Sequence When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. | | Pass | |
| 1.3.3 Sensory Characteristics Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound. | | Pass | |
| 1.3.4 Orientation Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Mobile navigation links cut off in landscape mode on phones. Recommendation: Either change the layout of the mobile navigation to stack or make the navigation scrollable. | Fail | Mixd |
| 1.3.5 Identify Input Purpose The purpose of each input field collecting information about the user can be programmatically determined when: <ul style="list-style-type: none"> • The input field serves a purpose identified in the Input Purposes for User Interface Components section; and • The content is implemented using technologies with support for identifying the expected meaning for form input data. | No inputs collecting information about the user on the page | N/A | |
| 1.4.1 Use of colour | | Pass | |

| | | | |
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| Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. | | | |
| 1.4.2 Audio Control If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level. | No audio automatically playing on the page | N/A | |
| 1.4.3 Contrast (Minimum) The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: <ul style="list-style-type: none"> • Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; • Incidental text or images that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are part of a picture that contains significant other visual content • Logotypes that include text as part of a logo or brand name | Links within the secondary navigation have insufficient contrast of 3.95 Search input in the header have insufficient contrast of 3.94 Recommendation: Improve the colour contrast of the above areas to meet minimum pass criteria. Point of failure outside our control: CQC widget has insufficient contrast | Fail | Mixd |
| 1.4.4 Resize text Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality. | | Pass | |
| 1.4.5 Images of text If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following: <ul style="list-style-type: none"> • Where the image of text can be visually customized to the user's requirements; • A particular presentation of text is essential to the information being conveyed. | No images of text on the page | N/A | |
| 1.4.10 Reflow Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for: <ul style="list-style-type: none"> • Vertical scrolling content at a width equivalent to 320 CSS pixels; | Items within the mobile navigation are cut off at widths equivalent to 320 CSS pixels. Recommendation: | Fail | Mixd |

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| <ul style="list-style-type: none"> • Horizontal scrolling content at a height equivalent to 256 CSS pixels. Except for parts of the content which require two-dimensional layout for usage or meaning. | Either change the layout of the mobile navigation to stack or make the links scrollable. | | |
| <p>1.4.11 Non-text Contrast</p> <p>The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s):</p> <ul style="list-style-type: none"> • Visual information required to identify user interface components and states, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author; • Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed. | | Pass | |
| <p>1.4.12 Text Spacing</p> <p>In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property:</p> <ul style="list-style-type: none"> • Line height (line spacing) to at least 1.5 times the font size; • Spacing following paragraphs to at least 2 times the font size; • Letter spacing (tracking) to at least 0.12 times the font size; • Word spacing to at least 0.16 times the font size. | <p>Social links in footer overlap other links when text spacing properties applied. Under 1400px.</p> <p>Recommendation: Change social links so they are not absolutely positioned and flow with the rest of the page.</p> | Fail | Mixd |
| <p>1.4.13 Content on Hover or Focus</p> <p>Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:</p> <ul style="list-style-type: none"> • Dismissable - A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content communicates an input error or does not obscure or replace other content; • Hoverable - If pointer hover can trigger the additional content, then the pointer can be moved over the additional content without the additional content disappearing; | <p>Dropdown content within navigation cannot be dismissed without moving focus</p> <p>Hidden content on section links cannot be dismissed without moving focus</p> <p>Recommendation: Provide a keyboard command, such as pressing the escape key, to close the content. Or include a close button within the added content.</p> | Fail | Mixd |

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| <ul style="list-style-type: none"> • Persistent - The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid. | | | |
| <p>2.1.1 Keyboard</p> <p>All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.</p> | <p>Navigation dropdown menus not triggered by keyboard focus</p> <p>Recommendation: Add keyboard event listeners for navigation elements to show dropdown on focus.</p> | Fail | Mixd |
| <p>2.1.2 No keyboard traps</p> <p>If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away.</p> | | Pass | |
| <p>2.1.4 Character Key Shortcuts</p> <p>If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - A mechanism is available to turn the shortcut off; • Remap - A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc); • Active only on focus - The keyboard shortcut for a user interface component is only active when that component has focus. | No keyboard shortcuts implemented | N/A | |
| <p>2.2.1 Timing Adjustable</p> <p>For each time limit that is set by the content, at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - The user is allowed to turn off the time limit before encountering it; or • Adjust - The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or • Extend - The user is warned before time expires and given at least 20 seconds to extend the time limit with a | No time limits set by the content | N/A | |

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| <p>simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or</p> <ul style="list-style-type: none"> • Real-time Exception - The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or • Essential Exception - The time limit is essential and extending it would invalidate the activity; or • 20 Hour Exception - The time limit is longer than 20 hours. | | | |
| <p>2.2.2 Pause, Stop, Hide For moving, blinking, scrolling, or auto-updating information, all of the following are true:</p> <ul style="list-style-type: none"> • Moving, blinking, scrolling - For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and • Auto-updating - For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential. | No moving, blinking, scrolling, or auto-updating information on the page | N/A | |
| <p>2.3.1 Three Flashes or Below Threshold Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds.</p> | No flashing content on the page | N/A | |
| <p>2.4.1 Bypass Blocks A mechanism is available to bypass blocks of content that are repeated on multiple Web pages.</p> | <p>No 'skip to content' link provide</p> <p>Recommendation: Add 'skip to content' link</p> | Fail | Mixd |
| <p>2.4.2 Page Titled Web pages have titles that describe topic or purpose.</p> | | Pass | |

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| <p>2.4.3 Focus Order</p> <p>If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability.</p> | <p>Links in footer receive focus out of expected left-right sequence, social links on the right receive focus before links on the left.</p> <p>Recommendation: Change tab order of footer links so they receive focus in the right order.</p> | Fail | Mixd |
| <p>2.4.4 Link Purpose (In context)</p> <p>The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general.</p> | <p>Social, Care Opinion and Disabled Go links in footer do not have discernible link text.</p> <p>Phone number links do not provide descriptive link text of the purpose of the link or letting the user know what the number is for.</p> <p>Recommendation: Provide link text to describe the purpose of the link.</p> <p>For phone number links, provide an aria-label or hidden label such as 'Call {Hospital}'.</p> | Fail | Mixd |
| <p>2.4.5 Multiple Ways</p> <p>More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in a process.</p> | | Pass | |
| <p>2.4.6 Headings and Labels</p> <p>Page headings and labels for form and interactive controls are informative. Avoid duplicating heading (e.g., "More Details") or label text (e.g., "First Name") unless the structure provides adequate differentiation between them.</p> | <p>No label provided for search input in the header</p> <p>Recommendation: Provide descriptive label for the search inputs</p> | Fail | Mixd |
| <p>2.4.7 Focus Visible</p> <p>Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible.</p> | <p>No focus highlight given to most elements when using a keyboard.</p> <p>Recommendation: Provide appropriate focus highlights for interactive elements</p> | Fail | Mixd |

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| 2.5.1 Pointer Gestures All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | No multipoint or path-based gestures in use on the page. | N/A | |
| 2.5.2 Pointer Cancellation For functionality that can be operated using a single pointer , at least one of the following is true: <ul style="list-style-type: none"> • No Down-Event - The down-event of the pointer is not used to execute any part of the function; • Abort or Undo - Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion; • Up Reversal - The up-event reverses any outcome of the preceding down-event; • Essential - Completing the function on the down-event is essential. | | Pass | |
| 2.5.3 Label in Name For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | | Pass | |
| 2.5.4 Motion Actuation Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when: <ul style="list-style-type: none"> • Supported Interface - The motion is used to operate functionality through an accessibility supported interface; • Essential - The motion is essential for the function and doing so would invalidate the activity. | No motion operated functionality on the page | N/A | |
| 3.1.1 Language of Page The default human language of each Web page can be programmatically determined. | | Pass | |
| 3.1.2 Language of Parts The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the | | Pass | |

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| vernacular of the immediately surrounding text. | | | |
| 3.2.1 On Focus When any user interface component receives focus, it does not initiate a change of context. | | Pass | |
| 3.2.2 On Input Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component. | | Pass | |
| 3.2.3 Consistent Navigation Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user. | | Pass | |
| 3.2.4 Consistent Identification Components that have the same functionality within a set of Web pages are identified consistently. | | Pass | |
| 3.3.1 Error Identification If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. | No input errors automatically detected. Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page. Advised to make the field required and provide an error when no input is given. | N/A | Mixd |
| 3.3.2 Labels or Instructions Labels or instructions are provided when content requires user input. | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 3.3.3 Error Suggestion If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content. | No input errors automatically detected. Advisory: The search input in the header does not require an input so will allow the user to submit | N/A | Mixd |

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| | <p>nothing and they get directed to a blank search results page.</p> <p>Advised to make the field required and provide a suggestion when no input is given.</p> | | |
| <p>3.3.4 Error Prevention</p> <p>For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true:</p> <ul style="list-style-type: none"> • Reversible - Submissions are reversible. • Checked - Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. • Confirmed - A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission. | No legal commitments or financial transactions in use on the page | N/A | |
| <p>4.1.1 Parsing</p> <p>In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features.</p> | | Pass | |
| <p>4.1.2 Name, Role, Value</p> <p>For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies.</p> | <p>No label provided for search input in the header</p> <p>Recommendation: Provide descriptive label for the search inputs</p> | Fail | Mixd |
| <p>4.1.3 Status Messages</p> <p>In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus.</p> | No status messages on the page. | N/A | |

Detailed results for: Section

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| URL: | https://www.ulh.nhs.uk/patients/outpatients/ |
| Date audited: | 16/09/2020 |
| Google Lighthouse score: | 77/100 |
| WCAG Checkpoints passed: | 33/50 |

| WCAG Checkpoint | Remarks and explanations | Status | FAO |
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| 1.1.1 Non-text Content All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below: <ul style="list-style-type: none"> • Controls and inputs • Time-based media • Tests and quizzes • Sensory based • CAPTCHA • Decorative or invisible content | Search input does not have associated text label Recommendation: Provide a text label for form inputs | Fail | Mixd |
| 1.2.1 Audio-only and Video-only (Prerecorded) For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such. Prerecorded Audio-only: <ul style="list-style-type: none"> • An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content. Prerecorded Video-only: <ul style="list-style-type: none"> • Either an alternative for time-based media or an audio track is provided that presents equivalent information for prerecorded video-only content. | No prerecorded audio-only or video-only content on the page. | N/A | |
| 1.2.2 Captions (Prerecorded) Captions are provided for all pre recorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | No prerecorded audio-only content on the page. | N/A | |
| 1.2.3 Audio Description or Media Alternative (Prerecorded) An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when | No prerecorded video content on the page. | N/A | |

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| the media is a media alternative for text and is clearly labeled as such. | | | |
| 1.2.4 Captions (Live) Captions are provided for all live audio content in synchronized media. | No live audio content on the page. | N/A | |
| 1.2.5 Audio Description (Prerecorded) Audio description is provided for all prerecorded video content in synchronized media. | No prerecorded video content on the page. | N/A | |
| 1.3.1 Info and Relationships Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. | <p>No text label associated with search input in the header</p> <p>Heading elements are not in a sequentially-descending order, the page goes from h1 to a h4</p> <p>Recommendation: Provide descriptive label for the search inputs</p> <p>Change the headers within the section item links to be h2 so they are in a sequentially-descending order</p> <p>Advisory: Semantic markup could be better utilised in this template. For example, a div with the class of footer is currently used where a footer tag would be better.</p> | Fail | Mixd |
| 1.3.2 Meaningful Sequence When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. | <p>Heading elements are not in a sequentially-descending order, the page goes from h1 to a h4</p> <p>Recommendation: Change the headers within the section item links to be h2 so they are in a meaningful sequence</p> | Fail | Mixd |
| 1.3.3 Sensory Characteristics Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound. | | Pass | |

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| 1.3.4 Orientation Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Mobile navigation links cut off in landscape mode on phones. Recommendation: Either change the layout of the mobile navigation to stack or make the navigation scrollable. | Fail | Mixd |
| 1.3.5 Identify Input Purpose The purpose of each input field collecting information about the user can be programmatically determined when: <ul style="list-style-type: none"> • The input field serves a purpose identified in the Input Purposes for User Interface Components section; and • The content is implemented using technologies with support for identifying the expected meaning for form input data. | No inputs collecting information about the user on the page | N/A | |
| 1.4.1 Use of colour Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. | | Pass | |
| 1.4.2 Audio Control If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level. | No audio automatically playing on the page | N/A | |
| 1.4.3 Contrast (Minimum) The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: <ul style="list-style-type: none"> • Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; • Incidental text or images that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are part of a picture that contains significant other visual content • Logotypes that include text as part of a logo or brand name | Links within the secondary navigation have insufficient contrast of 3.95 Search input in the header have insufficient contrast of 3.94 Recommendation: Improve the colour contrast of the above areas to meet minimum pass criteria. Point of failure outside our control: CQC widget has insufficient contrast | Fail | Mixd |

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| 1.4.4 Resize text Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality. | | Pass | |
| 1.4.5 Images of text If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following: <ul style="list-style-type: none"> • Where the image of text can be visually customized to the user's requirements; • A particular presentation of text is essential to the information being conveyed. | No images of text on the page | N/A | |
| 1.4.10 Reflow Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for: <ul style="list-style-type: none"> • Vertical scrolling content at a width equivalent to 320 CSS pixels; • Horizontal scrolling content at a height equivalent to 256 CSS pixels. Except for parts of the content which require two-dimensional layout for usage or meaning. | Items within the mobile navigation are cut off at widths equivalent to 320 CSS pixels. Recommendation: Either change the layout of the mobile navigation to stack or make the links scrollable. | Fail | Mixd |
| 1.4.11 Non-text Contrast The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s): <ul style="list-style-type: none"> • Visual information required to identify user interface components and states, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author; • Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed. | Arrow icons within section items have insufficient contrast of 1.92 Recommendation: Create new arrow icon in a dark colour to improve contrast | Fail | Mixd |
| 1.4.12 Text Spacing In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property: <ul style="list-style-type: none"> • Line height (line spacing) to at least 1.5 times the font size; • Spacing following paragraphs to at least 2 times the font size; | Social links in footer overlap other links when text spacing properties applied. Under 1400px. Recommendation: Change social links so they are not absolutely positioned and flow with the rest of the page. | Fail | Mixd |

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| <ul style="list-style-type: none"> • Letter spacing (tracking) to at least 0.12 times the font size; • Word spacing to at least 0.16 times the font size. | | | |
| <p>1.4.13 Content on Hover or Focus</p> <p>Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:</p> <ul style="list-style-type: none"> • Dismissable - A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content communicates an input error or does not obscure or replace other content; • Hoverable - If pointer hover can trigger the additional content, then the pointer can be moved over the additional content without the additional content disappearing; • Persistent - The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid. | <p>Dropdown content within navigation cannot be dismissed without moving focus</p> <p>Recommendation: Provide a keyboard command, such as pressing the escape key, to close the content. Or include a close button within the added content.</p> | Fail | Mixd |
| <p>2.1.1 Keyboard</p> <p>All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.</p> | <p>Navigation dropdown menus not triggered by keyboard focus</p> <p>Recommendation: Add keyboard event listeners for navigation elements to show dropdown on focus.</p> | Fail | Mixd |
| <p>2.1.2 No keyboard traps</p> <p>If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away.</p> | | Pass | |
| <p>2.1.4 Character Key Shortcuts</p> <p>If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - A mechanism is available to turn the shortcut off; | <p>No keyboard shortcuts implemented</p> | N/A | |

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| <ul style="list-style-type: none"> • Remap - A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc); • Active only on focus - The keyboard shortcut for a user interface component is only active when that component has focus. | | | |
| <p>2.2.1 Timing Adjustable For each time limit that is set by the content, at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - The user is allowed to turn off the time limit before encountering it; or • Adjust - The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or • Extend - The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or • Real-time Exception - The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or • Essential Exception - The time limit is essential and extending it would invalidate the activity; or • 20 Hour Exception - The time limit is longer than 20 hours. | No time limits set by the content | N/A | |
| <p>2.2.2 Pause, Stop, Hide For moving, blinking, scrolling, or auto-updating information, all of the following are true:</p> <ul style="list-style-type: none"> • Moving, blinking, scrolling - For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and • Auto-updating - For any auto-updating information that (1) | No moving, blinking, scrolling, or auto-updating information on the page | N/A | |

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| starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential. | | | |
| 2.3.1 Three Flashes or Below Threshold Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds. | No flashing content on the page | N/A | |
| 2.4.1 Bypass Blocks A mechanism is available to bypass blocks of content that are repeated on multiple Web pages. | No 'skip to content' link provide Recommendation: Add 'skip to content' link | Fail | Mixd |
| 2.4.2 Page Titled Web pages have titles that describe topic or purpose. | | Pass | |
| 2.4.3 Focus Order If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability. | Links in footer receive focus out of expected left-right sequence, social links on the right receive focus before links on the left. Recommendation: Change tab order of footer links so they receive focus in the right order. | Fail | Mixd |
| 2.4.4 Link Purpose (In context) The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. | Social, Care Opinion and Disabled Go links in footer do not have discernible link text. Phone number links do not provide descriptive link text of the purpose of the link or letting the user know what the number is for. Recommendation: Provide link text to describe the purpose of the link. For phone number links, provide an aria-label or hidden label such as 'Call {Hospital}'. | Fail | Mixd |
| 2.4.5 Multiple Ways | | Pass | |

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| More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in a process. | | | |
| 2.4.6 Headings and Labels Page headings and labels for form and interactive controls are informative. Avoid duplicating heading (e.g., "More Details") or label text (e.g., "First Name") unless the structure provides adequate differentiation between them. | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 2.4.7 Focus Visible Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. | No focus highlight given to most elements when using a keyboard. Recommendation: Provide appropriate focus highlights for interactive elements | Fail | Mixd |
| 2.5.1 Pointer Gestures All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | No multipoint or path-based gestures in use on the page. | N/A | |
| 2.5.2 Pointer Cancellation For functionality that can be operated using a single pointer , at least one of the following is true: <ul style="list-style-type: none"> • No Down-Event - The down-event of the pointer is not used to execute any part of the function; • Abort or Undo - Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion; • • Up Reversal - The up-event reverses any outcome of the preceding down-event; • Essential - Completing the function on the down-event is essential. | | Pass | |
| 2.5.3 Label in Name For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | | Pass | |

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| 2.5.4 Motion Actuation Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when: <ul style="list-style-type: none"> • Supported Interface - The motion is used to operate functionality through an accessibility supported interface; • Essential - The motion is essential for the function and doing so would invalidate the activity. | No motion operated functionality on the page | N/A | |
| 3.1.1 Language of Page The default human language of each Web page can be programmatically determined. | | Pass | |
| 3.1.2 Language of Parts The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text. | | Pass | |
| 3.2.1 On Focus When any user interface component receives focus, it does not initiate a change of context. | | Pass | |
| 3.2.2 On Input Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component. | | Pass | |
| 3.2.3 Consistent Navigation Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user. | | Pass | |
| 3.2.4 Consistent Identification Components that have the same functionality within a set of Web pages are identified consistently. | | Pass | |
| 3.3.1 Error Identification If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. | No input errors automatically detected. Advisory: The search input in the header does not require an input so | N/A | Mixd |

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| | <p>will allow the user to submit nothing and they get directed to a blank search results page.</p> <p>Advised to make the field required and provide an error when no input is given.</p> | | |
| 3.3.2 Labels or Instructions Labels or instructions are provided when content requires user input. | <p>No label provided for search input in the header</p> <p>Recommendation: Provide descriptive label for the search inputs</p> | Fail | Mixd |
| 3.3.3 Error Suggestion If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content. | <p>No input errors automatically detected.</p> <p>Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page.</p> <p>Advised to make the field required and provide a suggestion when no input is given.</p> | N/A | Mixd |
| 3.3.4 Error Prevention For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true: <ul style="list-style-type: none"> • Reversible - Submissions are reversible. • Checked - Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. • Confirmed - A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission. | <p>No legal commitments or financial transactions in use on the page</p> | N/A | |
| 4.1.1 Parsing In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, | | Pass | |

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| except where the specifications allow these features. | | | |
| 4.1.2 Name, Role, Value For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies. | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 4.1.3 Status Messages In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus. | No status messages on the page. | N/A | |

Detailed results for: Content page (1)

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| URL: | https://www.ulh.nhs.uk/news/first-few-weeks-of-exciting-big-changes-at-pilgrim-hospital/ |
| Date audited: | 16/09/2020 |
| Google Lighthouse score: | 80/100 |
| WCAG Checkpoints passed: | 32/50 |

| WCAG Checkpoint | Remarks and explanations | Status | FAO |
|--|--|--------|------|
| 1.1.1 Non-text Content All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below: <ul style="list-style-type: none"> • Controls and inputs • Time-based media • Tests and quizzes • Sensory based • CAPTCHA • Decorative or invisible content | Search input does not have associated text label Recommendation: Provide a text label for form inputs | Fail | Mixd |
| 1.2.1 Audio-only and Video-only (Prerecorded) For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such. Prerecorded Audio-only: <ul style="list-style-type: none"> • An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content. Prerecorded Video-only: <ul style="list-style-type: none"> • Either an alternative for time-based media or an audio track is provided that presents equivalent information for prerecorded video-only content. | No prerecorded audio-only or video-only content on the page. | N/A | |
| 1.2.2 Captions (Prerecorded) Captions are provided for all pre recorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | No prerecorded audio-only content on the page. | N/A | |
| 1.2.3 Audio Description or Media Alternative (Prerecorded) An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when | No prerecorded video content on the page. | N/A | |

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| the media is a media alternative for text and is clearly labeled as such. | | | |
| 1.2.4 Captions (Live) Captions are provided for all live audio content in synchronized media. | No live audio content on the page. | N/A | |
| 1.2.5 Audio Description (Prerecorded) Audio description is provided for all prerecorded video content in synchronized media. | No prerecorded video content on the page. | N/A | |
| 1.3.1 Info and Relationships Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. | No text label associated with search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 1.3.2 Meaningful Sequence When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. | Heading elements are not in a sequentially-descending order, the page goes from h1 to a h4 Recommendation: Change the headers within the section item links to be h2 so they are in a meaningful sequence | Fail | Mixd |
| 1.3.3 Sensory Characteristics Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound. | | Pass | |
| 1.3.4 Orientation Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Mobile navigation links cut off in landscape mode on phones. Recommendation: Either change the layout of the mobile navigation to stack or make the navigation scrollable. | Fail | Mixd |
| 1.3.5 Identify Input Purpose The purpose of each input field collecting information about the user can be programmatically determined when: <ul style="list-style-type: none"> • The input field serves a purpose identified in the Input Purposes for User Interface Components section; and • The content is implemented using technologies with support for | No inputs collecting information about the user on the page | N/A | |

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| identifying the expected meaning for form input data. | | | |
| 1.4.1 Use of colour Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. | | Pass | |
| 1.4.2 Audio Control If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level. | No audio automatically playing on the page | N/A | |
| 1.4.3 Contrast (Minimum) The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: <ul style="list-style-type: none"> • Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; • Incidental text or images that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are part of a picture that contains significant other visual content • Logotypes that include text as part of a logo or brand name | Links within the secondary navigation have insufficient contrast of 3.95 Search input in the header have insufficient contrast of 3.94 Recommendation: Improve the colour contrast of the above areas to meet minimum pass criteria. Point of failure outside our control: CQC widget has insufficient contrast | Fail | Mixd |
| 1.4.4 Resize text Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality. | | Pass | |
| 1.4.5 Images of text If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following: <ul style="list-style-type: none"> • Where the image of text can be visually customized to the user's requirements; • A particular presentation of text is essential to the information being conveyed. | Image containing text are already present on the page when the content on the page contains this information Recommendation: Within the 'Pilgrim hospital 'Big Change' images, the bullet point content is already present in the text. In this case, it would be recommended to use a variant on these images that just | Fail | ULH |

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| | contains the floor plan graphic as this can't be presented in text and provide a descriptive alt tag for the image. | | |
| 1.4.10 Reflow Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for: <ul style="list-style-type: none"> • Vertical scrolling content at a width equivalent to 320 CSS pixels; • Horizontal scrolling content at a height equivalent to 256 CSS pixels. Except for parts of the content which require two-dimensional layout for usage or meaning. | Items within the mobile navigation are cut off at widths equivalent to 320 CSS pixels. Recommendation: Either change the layout of the mobile navigation to stack or make the links scrollable. | Fail | Mixd |
| 1.4.11 Non-text Contrast The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s): <ul style="list-style-type: none"> • Visual information required to identify user interface components and states, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author; • Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed. | Arrow icons within 'Categories' and 'Archive' sections have insufficient contrast of 1.92 Recommendation: Create new arrow icon in a dark colour to improve contrast | Fail | Mixd |
| 1.4.12 Text Spacing In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property: <ul style="list-style-type: none"> • Line height (line spacing) to at least 1.5 times the font size; • Spacing following paragraphs to at least 2 times the font size; • Letter spacing (tracking) to at least 0.12 times the font size; • Word spacing to at least 0.16 times the font size. | Social links in footer overlap other links when text spacing properties applied. Under 1400px. With these properties applied, the sidebar covers the bottom lines of text from the content Recommendation: Change social links so they are not absolutely positioned and flow with the rest of the page. The minus top value on the side causes it to overlap with the content. Have this not apply when these properties are applied | Fail | Mixd |

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| <p>1.4.13 Content on Hover or Focus</p> <p>Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:</p> <ul style="list-style-type: none"> • Dismissable - A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content communicates an input error or does not obscure or replace other content; • Hoverable - If pointer hover can trigger the additional content, then the pointer can be moved over the additional content without the additional content disappearing; • Persistent - The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid. | <p>Dropdown content within navigation cannot be dismissed without moving focus</p> <p>Recommendation: Provide a keyboard command, such as pressing the escape key, to close the content. Or include a close button within the added content.</p> | Fail | Mixd |
| <p>2.1.1 Keyboard</p> <p>All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.</p> | <p>Navigation dropdown menus not triggered by keyboard focus</p> <p>Recommendation: Add keyboard event listeners for navigation elements to show dropdown on focus.</p> | Fail | Mixd |
| <p>2.1.2 No keyboard traps</p> <p>If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away.</p> | | Pass | |
| <p>2.1.4 Character Key Shortcuts</p> <p>If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - A mechanism is available to turn the shortcut off; • Remap - A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc); • Active only on focus - The keyboard shortcut for a user interface component | <p>No keyboard shortcuts implemented</p> | N/A | |

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| is only active when that component has focus. | | | |
| <p>2.2.1 Timing Adjustable</p> <p>For each time limit that is set by the content, at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - The user is allowed to turn off the time limit before encountering it; or • Adjust - The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or • Extend - The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or • Real-time Exception - The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or • Essential Exception - The time limit is essential and extending it would invalidate the activity; or • 20 Hour Exception - The time limit is longer than 20 hours. | No time limits set by the content | N/A | |
| <p>2.2.2 Pause, Stop, Hide</p> <p>For moving, blinking, scrolling, or auto-updating information, all of the following are true:</p> <ul style="list-style-type: none"> • Moving, blinking, scrolling - For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and • Auto-updating - For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update | No moving, blinking, scrolling, or auto-updating information on the page | N/A | |

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| unless the auto-updating is part of an activity where it is essential. | | | |
| 2.3.1 Three Flashes or Below Threshold Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds. | No flashing content on the page | N/A | |
| 2.4.1 Bypass Blocks A mechanism is available to bypass blocks of content that are repeated on multiple Web pages. | No 'skip to content' link provide Recommendation: Add 'skip to content' link | Fail | Mixd |
| 2.4.2 Page Titled Web pages have titles that describe topic or purpose. | Advisory: The title in use on this content page is descriptive of the page content, but is very long and cumbersome when using the page with a screen reader. Using the page heading rather than the excerpt would still describe the page without being unnecessarily long. | Pass | Mixd |
| 2.4.3 Focus Order If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability. | Links in footer receive focus out of expected left-right sequence, social links on the right receive focus before links on the left. Recommendation: Change tab order of footer links so they receive focus in the right order. | Fail | Mixd |
| 2.4.4 Link Purpose (In context) The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. | Social, Care Opinion and Disabled Go links in footer do not have discernible link text. Phone number links do not provide descriptive link text of the purpose of the link or letting the user know what the number is for. Recommendation: Provide link text to describe the purpose of the link. For phone number links, provide an aria-label or hidden label such as 'Call {Hospital}'. | Fail | Mixd |

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| 2.4.5 Multiple Ways More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in a process. | | Pass | |
| 2.4.6 Headings and Labels Page headings and labels for form and interactive controls are informative. Avoid duplicating heading (e.g., "More Details") or label text (e.g., "First Name") unless the structure provides adequate differentiation between them. | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 2.4.7 Focus Visible Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. | No focus highlight given to most elements when using a keyboard. Recommendation: Provide appropriate focus highlights for interactive elements | Fail | Mixd |
| 2.5.1 Pointer Gestures All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | No multipoint or path-based gestures in use on the page. | N/A | |
| 2.5.2 Pointer Cancellation For functionality that can be operated using a single pointer , at least one of the following is true: <ul style="list-style-type: none"> • No Down-Event - The down-event of the pointer is not used to execute any part of the function; • Abort or Undo - Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion; • Up Reversal - The up-event reverses any outcome of the preceding down-event; • Essential - Completing the function on the down-event is essential. | | Pass | |
| 2.5.3 Label in Name For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | | Pass | |

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| 2.5.4 Motion Actuation Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when: <ul style="list-style-type: none"> • Supported Interface - The motion is used to operate functionality through an accessibility supported interface; • Essential - The motion is essential for the function and doing so would invalidate the activity. | No motion operated functionality on the page | N/A | |
| 3.1.1 Language of Page The default human language of each Web page can be programmatically determined. | | Pass | |
| 3.1.2 Language of Parts The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text. | | Pass | |
| 3.2.1 On Focus When any user interface component receives focus, it does not initiate a change of context. | | Pass | |
| 3.2.2 On Input Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component. | | Pass | |
| 3.2.3 Consistent Navigation Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user. | | Pass | |
| 3.2.4 Consistent Identification Components that have the same functionality within a set of Web pages are identified consistently. | | Pass | |
| 3.3.1 Error Identification If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. | No input errors automatically detected. Advisory: The search input in the header does not require an input so | N/A | Mixd |

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| | <p>will allow the user to submit nothing and they get directed to a blank search results page.</p> <p>Advised to make the field required and provide an error when no input is given.</p> | | |
| 3.3.2 Labels or Instructions Labels or instructions are provided when content requires user input. | <p>No label provided for search input in the header</p> <p>Recommendation: Provide descriptive label for the search inputs</p> | Fail | Mixd |
| 3.3.3 Error Suggestion If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content. | <p>No input errors automatically detected.</p> <p>Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page.</p> <p>Advised to make the field required and provide a suggestion when no input is given.</p> | N/A | Mixd |
| 3.3.4 Error Prevention For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true: <ul style="list-style-type: none"> • Reversible - Submissions are reversible. • Checked - Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. • Confirmed - A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission. | <p>No legal commitments or financial transactions in use on the page</p> | N/A | |
| 4.1.1 Parsing In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, | | Pass | |

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| except where the specifications allow these features. | | | |
| 4.1.2 Name, Role, Value For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies. | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 4.1.3 Status Messages In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus. | No status messages on the page. | N/A | |

Detailed results for: Content page (2)

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| URL: | https://www.ulh.nhs.uk/jobs/lincolnshire/ |
| Date audited: | 16/09/2020 |
| Google Lighthouse score: | 77/100 |
| WCAG Checkpoints passed: | 32/50 |

| WCAG Checkpoint | Remarks and explanations | Status | FAO |
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| 1.1.1 Non-text Content All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below: <ul style="list-style-type: none">• Controls and inputs• Time-based media• Tests and quizzes• Sensory based• CAPTCHA• Decorative or invisible content | <p>Search input does not have associated text label</p> <p>Recommendation: Provide a text label for form inputs</p> <p>YouTube embed does have a title.</p> <p>Recommendation: Within the text view of the page editor, add a title="" attribute to the YouTube embed with the title of the video</p> | Fail | Mixd |
| 1.2.1 Audio-only and Video-only (Prerecorded) For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such. Prerecorded Audio-only: <ul style="list-style-type: none">• An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content. Prerecorded Video-only: <ul style="list-style-type: none">• Either an alternative for time-based media or an audio track is provided that presents equivalent information for prerecorded video-only content. | <p>No prerecorded audio-only or video-only content on the page.</p> | | N/A |
| 1.2.2 Captions (Prerecorded) Captions are provided for all pre recorded audio content in synchronized media, except | <p>No audio-only or video only content on the page</p> | N/A | |

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| When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. | | | |
| 1.3.3 Sensory Characteristics Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound. | | Pass | |
| 1.3.4 Orientation Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Mobile navigation links cut off in landscape mode on phones. Recommendation: Either change the layout of the mobile navigation to stack or make the navigation scrollable. | Fail | Mixd |
| 1.3.5 Identify Input Purpose The purpose of each input field collecting information about the user can be programmatically determined when: <ul style="list-style-type: none"> • The input field serves a purpose identified in the Input Purposes for User Interface Components section; and • The content is implemented using technologies with support for identifying the expected meaning for form input data. | No inputs collecting information about the user on the page | N/A | |
| 1.4.1 Use of colour Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. | The sidebar uses a different colour for the current item, which cannot be understood programmatically. Recommendation: Use the aria-current attribute to help identify which the current element in the sidebar is. | Fail | Mixd |
| 1.4.2 Audio Control If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level. | No audio automatically playing on the page | N/A | |

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| <p>1.4.3 Contrast (Minimum)</p> <p>The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following:</p> <ul style="list-style-type: none"> • Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; • Incidental text or images that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are part of a picture that contains significant other visual content • Logotypes that include text as part of a logo or brand name | <p>Links within the secondary navigation have insufficient contrast of 3.95</p> <p>Search input in the header have insufficient contrast of 3.94</p> <p>Recommendation: Improve the colour contrast of the above areas to meet minimum pass criteria.</p> <p>Point of failure outside our control: CQC widget has insufficient contrast</p> | Fail | Mixd |
| <p>1.4.4 Resize text</p> <p>Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality.</p> | | Pass | |
| <p>1.4.5 Images of text</p> <p>If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following:</p> <ul style="list-style-type: none"> • Where the image of text can be visually customized to the user's requirements; • A particular presentation of text is essential to the information being conveyed. | | Pass | |
| <p>1.4.10 Reflow</p> <p>Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:</p> <ul style="list-style-type: none"> • Vertical scrolling content at a width equivalent to 320 CSS pixels; • Horizontal scrolling content at a height equivalent to 256 CSS pixels. <p>Except for parts of the content which require two-dimensional layout for usage or meaning.</p> | <p>Items within the mobile navigation are cut off at widths equivalent to 320 CSS pixels.</p> <p>YouTube embed on the page doesn't scale and requires vertical and horizontal scrolling to view all information.</p> <p>Recommendation: Either change the layout of the mobile navigation to stack or make the links scrollable.</p> <p>Style YouTube embeds to properly respond at this zoom level.</p> | Fail | Mixd |

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| <p>1.4.11 Non-text Contrast</p> <p>The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s):</p> <ul style="list-style-type: none"> • Visual information required to identify user interface components and states, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author; • Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed. | <p>Arrow icons within 'In the section' sections have insufficient contrast of 1.92</p> <p>Recommendation: Create new arrow icon in a dark colour to improve contrast</p> | Fail | Mixd |
| <p>1.4.12 Text Spacing</p> <p>In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property:</p> <ul style="list-style-type: none"> • Line height (line spacing) to at least 1.5 times the font size; • Spacing following paragraphs to at least 2 times the font size; • Letter spacing (tracking) to at least 0.12 times the font size; • Word spacing to at least 0.16 times the font size. | <p>Social links in footer overlap other links when text spacing properties applied. Under 1400px.</p> <p>With these properties applied, the sidebar covers the bottom lines of text from the content</p> <p>Recommendation: Change social links so they are not absolutely positioned and flow with the rest of the page.</p> <p>The minus top value on the side causes it to overlap with the content. Have this not apply when these properties are applied</p> | Fail | Mixd |
| <p>1.4.13 Content on Hover or Focus</p> <p>Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:</p> <ul style="list-style-type: none"> • Dismissable - A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content communicates an input error or does not obscure or replace other content; • Hoverable - If pointer hover can trigger the additional content, then the pointer can be moved over the additional | <p>Dropdown content within navigation cannot be dismissed without moving focus</p> <p>Recommendation: Provide a keyboard command, such as pressing the escape key, to close the content. Or include a close button within the added content.</p> | Fail | Mixd |

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| <p>content without the additional content disappearing;</p> <ul style="list-style-type: none"> • Persistent - The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid. | | | |
| <p>2.1.1 Keyboard</p> <p>All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.</p> | <p>Navigation dropdown menus not triggered by keyboard focus</p> <p>Recommendation: Add keyboard event listeners for navigation elements to show dropdown on focus.</p> | Fail | Mixd |
| <p>2.1.2 No keyboard traps</p> <p>If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away.</p> | | Pass | |
| <p>2.1.4 Character Key Shortcuts</p> <p>If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - A mechanism is available to turn the shortcut off; • Remap - A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc); • Active only on focus - The keyboard shortcut for a user interface component is only active when that component has focus. | No keyboard shortcuts implemented | N/A | |
| <p>2.2.1 Timing Adjustable</p> <p>For each time limit that is set by the content, at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - The user is allowed to turn off the time limit before encountering it; or • Adjust - The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or | No time limits set by the content | N/A | |

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| <ul style="list-style-type: none"> • Extend - The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or • Real-time Exception - The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or • Essential Exception - The time limit is essential and extending it would invalidate the activity; or • 20 Hour Exception - The time limit is longer than 20 hours. | | | |
| <p>2.2.2 Pause, Stop, Hide For moving, blinking, scrolling, or auto-updating information, all of the following are true:</p> <ul style="list-style-type: none"> • Moving, blinking, scrolling - For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and • Auto-updating - For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential. | No moving, blinking, scrolling, or auto-updating information on the page | N/A | |
| <p>2.3.1 Three Flashes or Below Threshold Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds.</p> | No flashing content on the page | N/A | |
| <p>2.4.1 Bypass Blocks A mechanism is available to bypass blocks of content that are repeated on multiple Web pages.</p> | <p>No 'skip to content' link provide</p> <p>Recommendation: Add 'skip to content' link</p> | Fail | Mixd |

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| 2.4.2 Page Titled Web pages have titles that describe topic or purpose. | | Pass | |
| 2.4.3 Focus Order If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability. | Links in footer receive focus out of expected left-right sequence, social links on the right receive focus before links on the left. Recommendation: Change tab order of footer links so they receive focus in the right order. | Fail | Mixd |
| 2.4.4 Link Purpose (In context) The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. | Social, Care Opinion and Disabled Go links in footer do not have discernible link text. Phone number links do not provide descriptive link text of the purpose of the link or letting the user know what the number is for. Recommendation: Provide link text to describe the purpose of the link. For phone number links, provide an aria-label or hidden label such as 'Call {Hospital}'. | Fail | Mixd |
| 2.4.5 Multiple Ways More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in a process. | | Pass | |
| 2.4.6 Headings and Labels Page headings and labels for form and interactive controls are informative. Avoid duplicating heading (e.g., "More Details") or label text (e.g., "First Name") unless the structure provides adequate differentiation between them. | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 2.4.7 Focus Visible Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. | No focus highlight given to most elements when using a keyboard. Recommendation: | Fail | Mixd |

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| | Provide appropriate focus highlights for interactive elements | | |
| 2.5.1 Pointer Gestures All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | No multipoint or path-based gestures in use on the page. | N/A | |
| 2.5.2 Pointer Cancellation For functionality that can be operated using a single pointer , at least one of the following is true: <ul style="list-style-type: none"> • No Down-Event - The down-event of the pointer is not used to execute any part of the function; • Abort or Undo - Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion; • Up Reversal - The up-event reverses any outcome of the preceding down-event; • Essential - Completing the function on the down-event is essential. | | Pass | |
| 2.5.3 Label in Name For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | | Pass | |
| 2.5.4 Motion Actuation Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when: <ul style="list-style-type: none"> • Supported Interface - The motion is used to operate functionality through an accessibility supported interface; • Essential - The motion is essential for the function and doing so would invalidate the activity. | No motion operated functionality on the page | N/A | |
| 3.1.1 Language of Page The default human language of each Web page can be programmatically determined. | | Pass | |
| 3.1.2 Language of Parts The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical | | Pass | |

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| terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text. | | | |
| 3.2.1 On Focus When any user interface component receives focus, it does not initiate a change of context. | | Pass | |
| 3.2.2 On Input Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component. | | Pass | |
| 3.2.3 Consistent Navigation Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user. | | Pass | |
| 3.2.4 Consistent Identification Components that have the same functionality within a set of Web pages are identified consistently. | | Pass | |
| 3.3.1 Error Identification If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. | No input errors automatically detected. Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page. Advised to make the field required and provide an error when no input is given. | N/A | Mixd |
| 3.3.2 Labels or Instructions Labels or instructions are provided when content requires user input. | No label provided for search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 3.3.3 Error Suggestion If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content. | No input errors automatically detected. Advisory: The search input in the header does not require an input so | N/A | Mixd |

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| | <p>will allow the user to submit nothing and they get directed to a blank search results page.</p> <p>Advised to make the field required and provide a suggestion when no input is given.</p> | | |
| <p>3.3.4 Error Prevention</p> <p>For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true:</p> <ul style="list-style-type: none"> • Reversible - Submissions are reversible. • Checked - Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. • Confirmed - A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission. | <p>No legal commitments or financial transactions in use on the page</p> | N/A | |
| <p>4.1.1 Parsing</p> <p>In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features.</p> | <p>YouTube embed iFrame contains 'frameborder' attribute which is obsolete</p> <p>Recommendation: Remove obsolete attribute from embedding iFrames</p> | Fail | Mixd |
| <p>4.1.2 Name, Role, Value</p> <p>For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies.</p> | <p>No label provided for search input in the header</p> <p>Recommendation: Provide descriptive label for the search inputs</p> <p>YouTube embed does have a title.</p> <p>Recommendation: Within the text view of the page editor, add a title="" attribute to the YouTube embed with the title of the video</p> | Fail | Mixd ULH |
| <p>4.1.3 Status Messages</p> | <p>No status messages on the page.</p> | N/A | |

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| <p>In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus.</p> | | | |
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Detailed results for: Content page (3)

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| URL: | https://www.ulh.nhs.uk/patients/inpatients/identifying-ward-staff/ |
| Date audited: | 16/09/2020 |
| Google Lighthouse score: | 80/100 |
| WCAG Checkpoints passed: | 31/50 |

[illegible]

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| 1.2.2 Captions (Prerecorded) Captions are provided for all pre recorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | No prerecorded audio-only content on the page. | N/A | |
| 1.2.3 Audio Description or Media Alternative (Prerecorded) An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | No prerecorded video content on the page. | N/A | |
| 1.2.4 Captions (Live) Captions are provided for all live audio content in synchronized media. | No live audio content on the page. | N/A | |
| 1.2.5 Audio Description (Prerecorded) Audio description is provided for all prerecorded video content in synchronized media. | No prerecorded video content on the page. | N/A | |
| 1.3.1 Info and Relationships Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. | No text label associated with search input in the header Recommendation: Provide descriptive label for the search inputs | Fail | Mixd |
| 1.3.2 Meaningful Sequence When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. | | Pass | |
| 1.3.3 Sensory Characteristics Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound. | Instructions/content on the page rely on visual location, 'the image below'. Recommendation: Don't reference additional information using the size, shape or position of the object. | Fail | ULH |
| 1.3.4 Orientation Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Mobile navigation links cut off in landscape mode on phones. Recommendation: Either change the layout of the mobile navigation to stack or make the navigation scrollable. | Fail | Mixd |

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| 1.3.5 Identify Input Purpose The purpose of each input field collecting information about the user can be programmatically determined when: <ul style="list-style-type: none"> • The input field serves a purpose identified in the Input Purposes for User Interface Components section; and • The content is implemented using technologies with support for identifying the expected meaning for form input data. | No inputs collecting information about the user on the page | N/A | |
| 1.4.1 Use of colour Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. | The sidebar uses a different colour for the current item, which cannot be understood programmatically. Recommendation: Use the aria-current attribute to help identify which the current element in the sidebar is. | Fail | Mixd |
| 1.4.2 Audio Control If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level. | No audio automatically playing on the page | N/A | |
| 1.4.3 Contrast (Minimum) The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: <ul style="list-style-type: none"> • Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; • Incidental text or images that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are part of a picture that contains significant other visual content • Logotypes that include text as part of a logo or brand name | Links within the secondary navigation have insufficient contrast of 3.95 Search input in the header have insufficient contrast of 3.94 Recommendation: Improve the colour contrast of the above areas to meet minimum pass criteria. Point of failure outside our control: CQC widget has insufficient contrast | Fail | Mixd |
| 1.4.4 Resize text Except for captions and images of text, text can be resized without assistive technology up to | | Pass | |

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| 200 percent without loss of content or functionality. | | | |
| <p>1.4.5 Images of text</p> <p>If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following:</p> <ul style="list-style-type: none"> • Where the image of text can be visually customized to the user's requirements; • A particular presentation of text is essential to the information being conveyed. | <p>'Who's who on your ward' image contains a lot of text that is inaccessible to screen reader users.</p> <p>Recommendation: Present the content in text form. An alternative to this image could be to have individual images of the uniforms with their description next to them in text form.</p> | Fail | ULH |
| <p>1.4.10 Reflow</p> <p>Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:</p> <ul style="list-style-type: none"> • Vertical scrolling content at a width equivalent to 320 CSS pixels; • Horizontal scrolling content at a height equivalent to 256 CSS pixels. <p>Except for parts of the content which require two-dimensional layout for usage or meaning.</p> | <p>Items within the mobile navigation are cut off at widths equivalent to 320 CSS pixels.</p> <p>Recommendation: Either change the layout of the mobile navigation to stack or make the links scrollable.</p> | Fail | Mixd |
| <p>1.4.11 Non-text Contrast</p> <p>The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s):</p> <ul style="list-style-type: none"> • Visual information required to identify user interface components and states, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author; • Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed. | <p>Arrow icons within 'In the section' and 'related pages' have insufficient contrast of 1.92</p> <p>Recommendation: Create new arrow icon in a dark colour to improve contrast</p> | Fail | Mixd |
| <p>1.4.12 Text Spacing</p> <p>In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property:</p> <ul style="list-style-type: none"> • Line height (line spacing) to at least 1.5 times the font size; • Spacing following paragraphs to at least 2 times the font size; | <p>Social links in footer overlap other links when text spacing properties applied. Under 1400px.</p> <p>With these properties applied, the sidebar covers the bottom of the image</p> <p>Recommendation:</p> | Fail | Mixd |

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| <ul style="list-style-type: none"> • Letter spacing (tracking) to at least 0.12 times the font size; • Word spacing to at least 0.16 times the font size. | <p>Change social links so they are not absolutely positioned and flow with the rest of the page.</p> <p>The minus top value on the side causes it to overlap with the content. Have this not apply when these properties are applied</p> | | |
| <p>1.4.13 Content on Hover or Focus</p> <p>Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:</p> <ul style="list-style-type: none"> • Dismissable - A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content communicates an input error or does not obscure or replace other content; • Hoverable - If pointer hover can trigger the additional content, then the pointer can be moved over the additional content without the additional content disappearing; • Persistent - The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid. | <p>Dropdown content within navigation cannot be dismissed without moving focus</p> <p>Recommendation: Provide a keyboard command, such as pressing the escape key, to close the content. Or include a close button within the added content.</p> | Fail | Mixd |
| <p>2.1.1 Keyboard</p> <p>All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.</p> | <p>Navigation dropdown menus not triggered by keyboard focus</p> <p>Recommendation: Add keyboard event listeners for navigation elements to show dropdown on focus.</p> | Fail | Mixd |
| <p>2.1.2 No keyboard traps</p> <p>If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away.</p> | | Pass | |
| <p>2.1.4 Character Key Shortcuts</p> | <p>No keyboard shortcuts implemented</p> | N/A | |

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| <p>If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - A mechanism is available to turn the shortcut off; • Remap - A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc); • Active only on focus - The keyboard shortcut for a user interface component is only active when that component has focus. | | | |
| <p>2.2.1 Timing Adjustable</p> <p>For each time limit that is set by the content, at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - The user is allowed to turn off the time limit before encountering it; or • Adjust - The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or • Extend - The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or • Real-time Exception - The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or • Essential Exception - The time limit is essential and extending it would invalidate the activity; or • 20 Hour Exception - The time limit is longer than 20 hours. | No time limits set by the content | N/A | |
| <p>2.2.2 Pause, Stop, Hide</p> <p>For moving, blinking, scrolling, or auto-updating information, all of the following are true:</p> <ul style="list-style-type: none"> • Moving, blinking, scrolling - For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel | No moving, blinking, scrolling, or auto-updating information on the page | N/A | |

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| <p>with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and</p> <ul style="list-style-type: none"> • Auto-updating - For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential. | | | |
| <p>2.3.1 Three Flashes or Below Threshold Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds.</p> | No flashing content on the page | N/A | |
| <p>2.4.1 Bypass Blocks A mechanism is available to bypass blocks of content that are repeated on multiple Web pages.</p> | <p>No 'skip to content' link provide</p> <p>Recommendation: Add 'skip to content' link</p> | Fail | Mixd |
| <p>2.4.2 Page Titled Web pages have titles that describe topic or purpose.</p> | | Pass | |
| <p>2.4.3 Focus Order If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability.</p> | <p>Links in footer receive focus out of expected left-right sequence, social links on the right receive focus before links on the left.</p> <p>Recommendation: Change tab order of footer links so they receive focus in the right order.</p> | Fail | Mixd |
| <p>2.4.4 Link Purpose (In context) The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general.</p> | <p>Social, Care Opinion and Disabled Go links in footer do not have discernible link text.</p> <p>Phone number links do not provide descriptive link text of the purpose of the link or letting the user know what the number is for.</p> <p>Recommendation:</p> | Fail | Mixd |

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| | <p>Provide link text to describe the purpose of the link.</p> <p>For phone number links, provide an aria-label or hidden label such as 'Call {Hospital}'.</p> | | |
| 2.4.5 Multiple Ways More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in a process. | | Pass | |
| 2.4.6 Headings and Labels Page headings and labels for form and interactive controls are informative. Avoid duplicating heading (e.g., "More Details") or label text (e.g., "First Name") unless the structure provides adequate differentiation between them. | <p>No label provided for search input in the header</p> <p>Recommendation: Provide descriptive label for the search inputs</p> | Fail | Mixd |
| 2.4.7 Focus Visible Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. | <p>No focus highlight given to most elements when using a keyboard.</p> <p>Recommendation: Provide appropriate focus highlights for interactive elements</p> | Fail | Mixd |
| 2.5.1 Pointer Gestures All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | No multipoint or path-based gestures in use on the page. | N/A | |
| 2.5.2 Pointer Cancellation For functionality that can be operated using a single pointer , at least one of the following is true: <ul style="list-style-type: none"> • No Down-Event - The down-event of the pointer is not used to execute any part of the function; • Abort or Undo - Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion; • Up Reversal - The up-event reverses any outcome of the preceding down-event; • Essential - Completing the function on the down-event is essential. | | Pass | |

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| 2.5.3 Label in Name For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | | Pass | |
| 2.5.4 Motion Actuation Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when: <ul style="list-style-type: none"> • Supported Interface - The motion is used to operate functionality through an accessibility supported interface; • Essential - The motion is essential for the function and doing so would invalidate the activity. | No motion operated functionality on the page | N/A | |
| 3.1.1 Language of Page The default human language of each Web page can be programmatically determined. | | Pass | |
| 3.1.2 Language of Parts The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text. | | Pass | |
| 3.2.1 On Focus When any user interface component receives focus, it does not initiate a change of context. | | Pass | |
| 3.2.2 On Input Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component. | | Pass | |
| 3.2.3 Consistent Navigation Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user. | | Pass | |
| 3.2.4 Consistent Identification Components that have the same functionality within a set of Web pages are identified consistently. | | Pass | |

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| <p>3.3.1 Error Identification</p> <p>If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text.</p> | <p>No input errors automatically detected.</p> <p>Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page.</p> <p>Advised to make the field required and provide an error when no input is given.</p> | N/A | Mixd |
| <p>3.3.2 Labels or Instructions</p> <p>Labels or instructions are provided when content requires user input.</p> | <p>No label provided for search input in the header</p> <p>Recommendation: Provide descriptive label for the search inputs</p> | Fail | Mixd |
| <p>3.3.3 Error Suggestion</p> <p>If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content.</p> | <p>No input errors automatically detected.</p> <p>Advisory: The search input in the header does not require an input so will allow the user to submit nothing and they get directed to a blank search results page.</p> <p>Advised to make the field required and provide a suggestion when no input is given.</p> | N/A | Mixd |
| <p>3.3.4 Error Prevention</p> <p>For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true:</p> <ul style="list-style-type: none"> • Reversible - Submissions are reversible. • Checked - Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. • Confirmed - A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission. | <p>No legal commitments or financial transactions in use on the page</p> | N/A | |

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| <p>4.1.1 Parsing</p> <p>In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features.</p> | <p>YouTube embed iFrame contains 'frameborder' attribute which is obsolete</p> <p>Recommendation: Remove obsolete attribute from embedding iFrames</p> | Fail | Mixd |
| <p>4.1.2 Name, Role, Value</p> <p>For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies.</p> | <p>No label provided for search input in the header</p> <p>Recommendation: Provide descriptive label for the search inputs</p> | Fail | Mixd |
| <p>4.1.3 Status Messages</p> <p>In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus.</p> | <p>No status messages on the page.</p> | N/A | |

Detailed results for: PDF (1)

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| URL: | https://www.ulh.nhs.uk/content/uploads/2020/08/WDES_Report_2019_2020_ULHT_RWD_Trust_Board_Approved_FINAL_August_2020.pdf |
| Date audited: | 16/09/2020 |
| Google Lighthouse score: | N/A |
| WCAG Checkpoints passed: | 46/50 |

| WCAG Checkpoint | Remarks and explanations | Status | FAO |
|--|--|--------|-----|
| 1.1.1 Non-text Content All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below: <ul style="list-style-type: none"> • Controls and inputs • Time-based media • Tests and quizzes • Sensory based • CAPTCHA • Decorative or invisible content | There is no alt text provided for the image of the log | Fail | ULH |
| 1.2.1 Audio-only and Video-only (Prerecorded) For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such. Prerecorded Audio-only: <ul style="list-style-type: none"> • An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content. Prerecorded Video-only: <ul style="list-style-type: none"> • Either an alternative for time-based media or an audio track is provided that presents equivalent information for prerecorded video-only content. | A PDF document cannot contain audio or video content | N/A | |
| 1.2.2 Captions (Prerecorded) Captions are provided for all pre recorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | A PDF document cannot contain audio or video content | N/A | |
| 1.2.3 Audio Description or Media Alternative (Prerecorded) An alternative for time-based media or audio description of the prerecorded video content is | A PDF document cannot contain audio or video content | N/A | |

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| provided for synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | | | |
| 1.2.4 Captions (Live) Captions are provided for all live audio content in synchronized media. | A PDF document cannot contain audio or video content | N/A | |
| 1.2.5 Audio Description (Prerecorded) Audio description is provided for all prerecorded video content in synchronized media. | A PDF document cannot contain audio or video content | N/A | |
| 1.3.1 Info and Relationships Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. | Formatting of the document cannot be programmatically determined in some areas. Recommendation: Mark content with headings and leave double blank lines before titles so it's structure can be programmatically determined. Use structure types for table elements in PDFs. | Fail | ULH |
| 1.3.2 Meaningful Sequence When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. | | Pass | |
| 1.3.3 Sensory Characteristics Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound. | | N/A | |
| 1.3.4 Orientation Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | | N/A | |
| 1.3.5 Identify Input Purpose The purpose of each input field collecting information about the user can be programmatically determined when: <ul style="list-style-type: none"> • The input field serves a purpose identified in the Input Purposes for User Interface Components section; and • The content is implemented using technologies with support for | | N/A | |

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| identifying the expected meaning for form input data. | | | |
| 1.4.1 Use of colour Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. | | Pass | |
| 1.4.2 Audio Control If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level. | A PDF document cannot contain audio or video content | N/A | |
| 1.4.3 Contrast (Minimum) The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: <ul style="list-style-type: none"> • Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; • Incidental text or images that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are part of a picture that contains significant other visual content • Logotypes that include text as part of a logo or brand name | | Pass | |
| 1.4.4 Resize text Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality. | | Pass | |
| 1.4.5 Images of text If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following: <ul style="list-style-type: none"> • Where the image of text can be visually customized to the user's requirements; • A particular presentation of text is essential to the information being conveyed. | Where images of text are used, the ULH logo, it is a decorative piece and there is no loss of information. | Pass | |
| 1.4.10 Reflow Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for: | | N/A | |

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| <ul style="list-style-type: none"> • Vertical scrolling content at a width equivalent to 320 CSS pixels; • Horizontal scrolling content at a height equivalent to 256 CSS pixels. <p>Except for parts of the content which require two-dimensional layout for usage or meaning.</p> | | | |
| <p>1.4.11 Non-text Contrast</p> <p>The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s):</p> <ul style="list-style-type: none"> • Visual information required to identify user interface components and states, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author; • Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed. | | N/A | |
| <p>1.4.12 Text Spacing</p> <p>In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property:</p> <ul style="list-style-type: none"> • Line height (line spacing) to at least 1.5 times the font size; • Spacing following paragraphs to at least 2 times the font size; • Letter spacing (tracking) to at least 0.12 times the font size; • Word spacing to at least 0.16 times the font size. | | N/A | |
| <p>1.4.13 Content on Hover or Focus</p> <p>Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:</p> <ul style="list-style-type: none"> • Dismissable - A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content communicates an input error or does not obscure or replace other content; • Hoverable - If pointer hover can trigger the additional content, then the pointer can be moved over the additional | | N/A | |

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| <p>content without the additional content disappearing;</p> <ul style="list-style-type: none"> • Persistent - The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid. | | | |
| <p>2.1.1 Keyboard</p> <p>All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.</p> | | Pass | |
| <p>2.1.2 No keyboard traps</p> <p>If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away.</p> | | N/A | |
| <p>2.1.4 Character Key Shortcuts</p> <p>If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - A mechanism is available to turn the shortcut off; • Remap - A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc); • Active only on focus - The keyboard shortcut for a user interface component is only active when that component has focus. | | N/A | |
| <p>2.2.1 Timing Adjustable</p> <p>For each time limit that is set by the content, at least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off - The user is allowed to turn off the time limit before encountering it; or • Adjust - The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or • Extend - The user is warned before time expires and given at least 20 | | N/A | |

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| <p>seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or</p> <ul style="list-style-type: none"> • Real-time Exception - The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or • Essential Exception - The time limit is essential and extending it would invalidate the activity; or • 20 Hour Exception - The time limit is longer than 20 hours. | | | |
| <p>2.2.2 Pause, Stop, Hide For moving, blinking, scrolling, or auto-updating information, all of the following are true:</p> <ul style="list-style-type: none"> • Moving, blinking, scrolling - For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and • Auto-updating - For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential. | | N/A | |
| <p>2.3.1 Three Flashes or Below Threshold Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds.</p> | | N/A | |
| <p>2.4.1 Bypass Blocks A mechanism is available to bypass blocks of content that are repeated on multiple Web pages.</p> | | N/A | |
| <p>2.4.2 Page Titled Web pages have titles that describe topic or purpose.</p> | Page/document title is very long for a screen reader to announce. | Fail | ULH |

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| | Recommendation: Make PDF document names more succinct e.g. wdes-report-2019-2020 | | |
| 2.4.3 Focus Order If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability. | | N/A | |
| 2.4.4 Link Purpose (In context) The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. | | N/A | |
| 2.4.5 Multiple Ways More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in a process. | | N/A | |
| 2.4.6 Headings and Labels Page headings and labels for form and interactive controls are informative. Avoid duplicating heading (e.g., "More Details") or label text (e.g., "First Name") unless the structure provides adequate differentiation between them. | Appropriate heading are not used across the document as heading tags Recommendation: Tag headings within PDF documents as headings | Fail | ULH |
| 2.4.7 Focus Visible Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. | | N/A | |
| 2.5.1 Pointer Gestures All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | | N/A | |
| 2.5.2 Pointer Cancellation For functionality that can be operated using a single pointer , at least one of the following is true: <ul style="list-style-type: none"> • No Down-Event - The down-event of the pointer is not used to execute any part of the function; • Abort or Undo - Completion of the function is on the up-event, and a mechanism is available to abort the | | N/A | |

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| <p>function before completion or to undo the function after completion;</p> <ul style="list-style-type: none"> • Up Reversal - The up-event reverses any outcome of the preceding down-event; • Essential - Completing the function on the down-event is essential. | | | |
| <p>2.5.3 Label in Name For user interface components with labels that include text or images of text, the name contains the text that is presented visually.</p> | | N/A | |
| <p>2.5.4 Motion Actuation Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when:</p> <ul style="list-style-type: none"> • Supported Interface - The motion is used to operate functionality through an accessibility supported interface; • Essential - The motion is essential for the function and doing so would invalidate the activity. | | N/A | |
| <p>3.1.1 Language of Page The default human language of each Web page can be programmatically determined.</p> | | Pass | |
| <p>3.1.2 Language of Parts The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text.</p> | | N/A | |
| <p>3.2.1 On Focus When any user interface component receives focus, it does not initiate a change of context.</p> | | N/A | |
| <p>3.2.2 On Input Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component.</p> | | N/A | |
| <p>3.2.3 Consistent Navigation Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they</p> | | N/A | |

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| are repeated, unless a change is initiated by the user. | | | |
| 3.2.4 Consistent Identification Components that have the same functionality within a set of Web pages are identified consistently. | | Pass | |
| 3.3.1 Error Identification If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. | | N/A | |
| 3.3.2 Labels or Instructions Labels or instructions are provided when content requires user input. | | N/A | |
| 3.3.3 Error Suggestion If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content. | | N/A | |
| 3.3.4 Error Prevention For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true: <ul style="list-style-type: none"> • Reversible - Submissions are reversible. • Checked - Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. • Confirmed - A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission. | | N/A | |
| 4.1.1 Parsing In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features. | | N/A | |
| 4.1.2 Name, Role, Value For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name | | N/A | |

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| and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies. | | | |
| 4.1.3 Status Messages In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus. | | N/A | |

Detailed results for: PDF (2)

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| URL: | https://www.ulh.nhs.uk/content/uploads/2017/05/Equality_Diversity_Inclusion_ULHT_2021_Vision_March_2017_FINAL.pdf |
| Date audited: | 16/09/2020 |
| Google Lighthouse score: | N/A |
| WCAG Checkpoints passed: | 36/50 |

| WCAG Checkpoint | Remarks and explanations | Status | FAO |
|--|---|--------|-----|
| 1.1.1 Non-text Content All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below: <ul style="list-style-type: none"> • Controls and inputs • Time-based media • Tests and quizzes • Sensory based • CAPTCHA • Decorative or invisible content | 'Caring for you' logo and ULH logo have no alt text. Recommendation: Provide alt text for all images | Fail | ULH |
| 1.2.1 Audio-only and Video-only (Prerecorded) For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such. Prerecorded Audio-only: <ul style="list-style-type: none"> • An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content. Prerecorded Video-only: <ul style="list-style-type: none"> • Either an alternative for time-based media or an audio track is provided that presents equivalent information for prerecorded video-only content. | A PDF document cannot contain audio or video content | N/A | |
| 1.2.2 Captions (Prerecorded) Captions are provided for all pre recorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such. | A PDF document cannot contain audio or video content | N/A | |
| 1.2.3 Audio Description or Media Alternative (Prerecorded) An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when | A PDF document cannot contain audio or video content | N/A | |

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| the media is a media alternative for text and is clearly labeled as such. | | | |
| 1.2.4 Captions (Live) Captions are provided for all live audio content in synchronized media. | A PDF document cannot contain audio or video content | N/A | |
| 1.2.5 Audio Description (Prerecorded) Audio description is provided for all prerecorded video content in synchronized media. | A PDF document cannot contain audio or video content | N/A | |
| 1.3.1 Info and Relationships Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. | Subheadings are not tagged as headings Recommendation: Mark content with headings and leave double blank lines before titles so it's structure can be programmatically determined. | Fail | ULH |
| 1.3.2 Meaningful Sequence When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. | | Pass | |
| 1.3.3 Sensory Characteristics Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound. | | N/A | |
| 1.3.4 Orientation Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | | N/A | |
| 1.3.5 Identify Input Purpose The purpose of each input field collecting information about the user can be programmatically determined when: <ul style="list-style-type: none"> • The input field serves a purpose identified in the Input Purposes for User Interface Components section; and • The content is implemented using technologies with support for identifying the expected meaning for form input data. | | N/A | |
| 1.4.1 Use of colour | | Pass | |

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| Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. | | | |
| 1.4.2 Audio Control If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level. | A PDF document cannot contain audio or video content | N/A | |
| 1.4.3 Contrast (Minimum) The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: <ul style="list-style-type: none"> • Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; • Incidental text or images that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are part of a picture that contains significant other visual content • Logotypes that include text as part of a logo or brand name | | | |
| 1.4.4 Resize text Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality. | | | |
| 1.4.5 Images of text If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following: <ul style="list-style-type: none"> • Where the image of text can be visually customized to the user's requirements; • A particular presentation of text is essential to the information being conveyed. | Where images of text are used, the ULH and 'Caring For You', it is a decorative piece and there is no loss of information. | Pass | |
| 1.4.10 Reflow Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for: <ul style="list-style-type: none"> • Vertical scrolling content at a width equivalent to 320 CSS pixels; • Horizontal scrolling content at a height equivalent to 256 CSS pixels. | | N/A | |

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| Except for parts of the content which require two-dimensional layout for usage or meaning. | | | |
| <p>1.4.11 Non-text Contrast</p> <p>The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s):</p> <ul style="list-style-type: none"> • Visual information required to identify user interface components and states, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author; • Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed. | | N/A | |
| <p>1.4.12 Text Spacing</p> <p>In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property:</p> <ul style="list-style-type: none"> • Line height (line spacing) to at least 1.5 times the font size; • Spacing following paragraphs to at least 2 times the font size; • Letter spacing (tracking) to at least 0.12 times the font size; • Word spacing to at least 0.16 times the font size. | | N/A | |
| <p>1.4.13 Content on Hover or Focus</p> <p>Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:</p> <ul style="list-style-type: none"> • Dismissable - A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content communicates an input error or does not obscure or replace other content; • Hoverable - If pointer hover can trigger the additional content, then the pointer can be moved over the additional content without the additional content disappearing; • Persistent - The additional content remains visible until the hover or focus | | N/A | |

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| trigger is removed, the user dismisses it, or its information is no longer valid. | | | |
| 2.1.1 Keyboard All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints. | | Pass | |
| 2.1.2 No keyboard traps If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away. | | N/A | |
| 2.1.4 Character Key Shortcuts If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true: <ul style="list-style-type: none"> • Turn off - A mechanism is available to turn the shortcut off; • Remap - A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc); • Active only on focus - The keyboard shortcut for a user interface component is only active when that component has focus. | | N/A | |
| 2.2.1 Timing Adjustable For each time limit that is set by the content, at least one of the following is true: <ul style="list-style-type: none"> • Turn off - The user is allowed to turn off the time limit before encountering it; or • Adjust - The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or • Extend - The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to | | N/A | |

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| <p>extend the time limit at least ten times; or</p> <ul style="list-style-type: none"> • Real-time Exception - The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or • Essential Exception - The time limit is essential and extending it would invalidate the activity; or • 20 Hour Exception - The time limit is longer than 20 hours. | | | |
| <p>2.2.2 Pause, Stop, Hide For moving, blinking, scrolling, or auto-updating information, all of the following are true:</p> <ul style="list-style-type: none"> • Moving, blinking, scrolling - For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and • Auto-updating - For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential. | | N/A | |
| <p>2.3.1 Three Flashes or Below Threshold Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds.</p> | | N/A | |
| <p>2.4.1 Bypass Blocks A mechanism is available to bypass blocks of content that are repeated on multiple Web pages.</p> | | N/A | |
| <p>2.4.2 Page Titled Web pages have titles that describe topic or purpose.</p> | <p>Page/document title is very long for a screen reader to announce. Recommendation: Make PDF document names more succinct e.g.</p> | Fail | ULH |

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| | equality-diversity-inclusion-2021 | | |
| 2.4.3 Focus Order If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability. | | N/A | |
| 2.4.4 Link Purpose (In context) The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. | | N/A | |
| 2.4.5 Multiple Ways More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in a process. | | N/A | |
| 2.4.6 Headings and Labels Page headings and labels for form and interactive controls are informative. Avoid duplicating heading (e.g., "More Details") or label text (e.g., "First Name") unless the structure provides adequate differentiation between them. | Appropriate heading are not used across the document as heading tags Recommendation: Tag headings within PDF documents as headings | Fail | ULH |
| 2.4.7 Focus Visible Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. | | N/A | |
| 2.5.1 Pointer Gestures All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | | N/A | |
| 2.5.2 Pointer Cancellation For functionality that can be operated using a single pointer , at least one of the following is true: <ul style="list-style-type: none"> • No Down-Event - The down-event of the pointer is not used to execute any part of the function; • Abort or Undo - Completion of the function is on the up-event, and a mechanism is available to abort the function before completion or to undo the function after completion; | | N/A | |

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| <ul style="list-style-type: none"> • Up Reversal - The up-event reverses any outcome of the preceding down-event; • Essential - Completing the function on the down-event is essential. | | | |
| 2.5.3 Label in Name For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | | N/A | |
| 2.5.4 Motion Actuation Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when: <ul style="list-style-type: none"> • Supported Interface - The motion is used to operate functionality through an accessibility supported interface; • Essential - The motion is essential for the function and doing so would invalidate the activity. | | N/A | |
| 3.1.1 Language of Page The default human language of each Web page can be programmatically determined. | | Pass | |
| 3.1.2 Language of Parts The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text. | | N/A | |
| 3.2.1 On Focus When any user interface component receives focus, it does not initiate a change of context. | | N/A | |
| 3.2.2 On Input Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component. | | N/A | |
| 3.2.3 Consistent Navigation Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user. | | N/A | |

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| 3.2.4 Consistent Identification Components that have the same functionality within a set of Web pages are identified consistently. | | Pass | |
| 3.3.1 Error Identification If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. | | N/A | |
| 3.3.2 Labels or Instructions Labels or instructions are provided when content requires user input. | | N/A | |
| 3.3.3 Error Suggestion If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content. | | N/A | |
| 3.3.4 Error Prevention For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true: <ul style="list-style-type: none"> • Reversible - Submissions are reversible. • Checked - Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. • Confirmed - A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission. | | N/A | |
| 4.1.1 Parsing In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features. | | N/A | |
| 4.1.2 Name, Role, Value For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is | | N/A | |

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| available to user agents, including assistive technologies. | | | |
| 4.1.3 Status Messages In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus. | | N/A | |

References

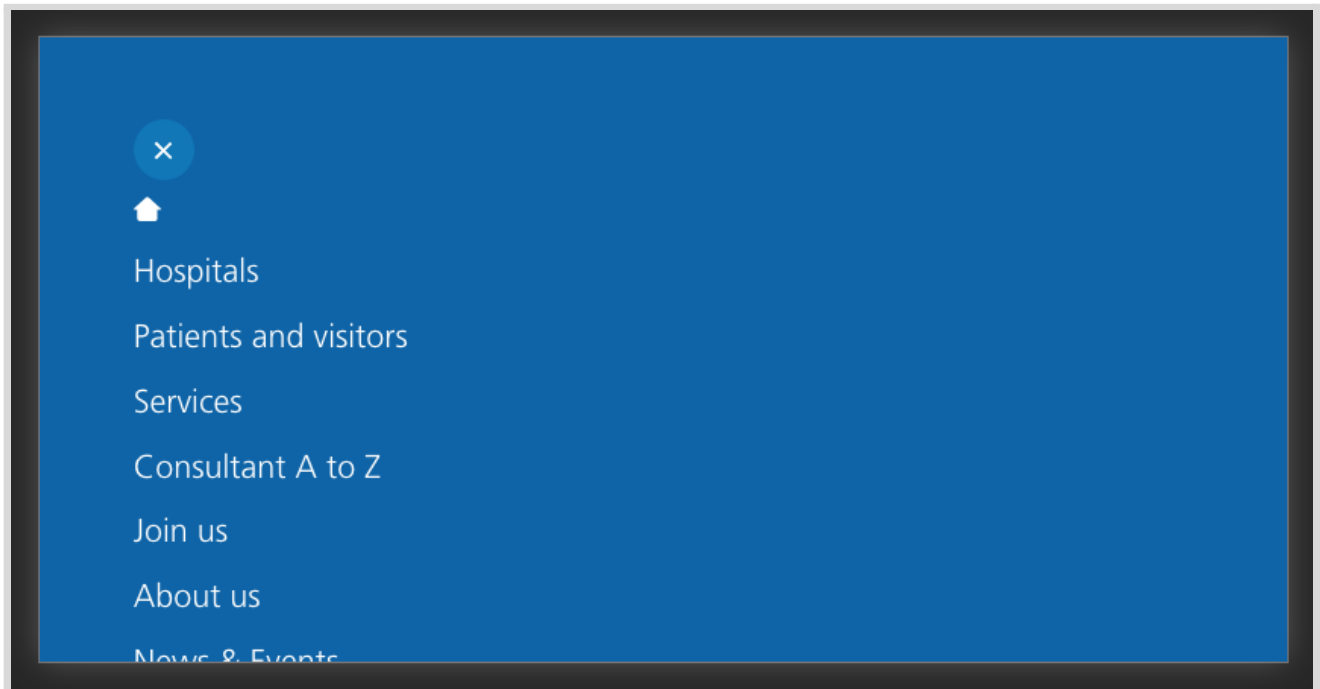
- Web Content Accessibility Guidelines (WCAG) Overview
<https://www.w3.org/WAI/intro/wcag>
- Web Content Accessibility Guidelines 2.1
<https://www.w3.org/TR/WCAG21/>
- Techniques for WCAG 2.1
<https://www.w3.org/WAI/WCAG21/Techniques/>
- Accessibility Evaluation Resources
<http://www.w3.org/WAI/eval/>
- Web Accessibility Evaluation Tools List
<https://www.w3.org/WAI/ER/tools/>
- Using Combined Expertise to Evaluate Web Accessibility
<https://www.w3.org/WAI/eval/reviewteams>

APPENDICES

Validator and evaluation tool reports

All templates

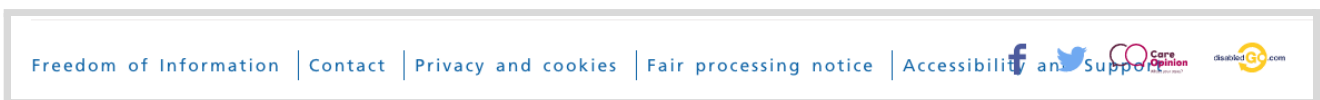
1.3.4 Orientation



1.4.3 Contrast (Minimum)



1.4.12 Text Spacing



1.4.10 Reflow



Hospitals

Patients and visitors

Services

Consultant A to Z

Join us

Content page (3)

1.4.12 Text Spacing

range of undergraduate, postgraduate and research subjects for more than 2,000 students

In this section

d love it or are considering a great county will be just right

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- [Apply now – don't miss our latest vacancies](#)
- [Benefits of working for ULHT](#)
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Any enquiries regarding this document should be sent to us at:

Mixd
Platform
New Station Street
Leeds
LS1 4JB

Web: www.mixd.co.uk

Telephone: 0113 360 8250