

Questions to answer

- a. Numbers of referrals, outpatients, inpatients, births and other activity that will be displaced under each scenario
- b. What are the workforce and rota implications of each scenario
- c. Which organisation it is proposed will take this activity
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- f. There are some more vague statements (e.g. “Paediatric support with emergencies in the A&E department at Pilgrim hospital up until 1 July”) – to which we are not clear as to the model and how it is proposed
- g. Can there be clarity under each option what is provided on each site; and how this compares to the present (e.g. whether there is a midwifery unit currently on Boston that could be enhanced – if we establish)

Option 1 - Maintain Services

2018/19 Contract Pilgrim Hospital and peripheral sites

Data Source
 \\finance-1\finance\Information\Karen Data\1q for budget setting and FEP - karen1.xlsx

Paediatrics (Specialty 420)

	Activity
Day cases	86
Elective Spells	25
Non Elective Spells	2,595
Outpatient Firsts - Consultant Led*	4,392
Outpatient Firsts - Non Consultant Led	99
Outpatient FUPs - Consultant Led	2,305
Outpatient FUPs - Non Consultant Led	30

* Consultant First attendance inc Ward Attenders

Neonatology (Specialty 422)

	Activity
Neonatal Care	2,839
Non Elective Spells	490

Obstetrics (Specialty 501 & 560)

	Activity	
Elective Spells	89	
Non Elective Spells	4,478	Minor/Major
<i>Inc Birth Spells</i>	1,811	
Outpatient Firsts - Consultant Led	2,050	
Outpatient Firsts - Non Consultant Led	1,808	
Outpatient FUPs - Consultant Led	4,179	
Outpatient FUPs - Non Consultant Led	4,762	

Gynaecology (Specialty 502)

	Activity
Day cases	755
Elective Spells	347
Non Elective Spells	1,358
Non Face to Face	579
Outpatient Firsts - Consultant Led	4,092
Outpatient Firsts - Non Consultant Led	2,648
Outpatient FUPs - Consultant Led	2,236
Outpatient FUPs - Non Consultant Led	3,371

Current Bed Usage

Ward Bed Use inc DC	PH-CHW
Average	10.3
90th Centile	13.8
Max	17.2
Summer average	9.4
Summer 90th	12.8
@87% Occupancy	14.7
Winter average	10.5
Winter 90th	13.8
@87% Occupancy	15.9

Source Data

S:\Analysis Team\2018-19\Adhoc\1819-0011 Paediatrics\1819-0011 Paed Ward Beds.xlsx

All Non Paediatric Activity - Using CHW

2017/18 Actual

	Spells
Non Elective	288
Elective	109
Day case	376

Source Data

S:\Analysis Team\2018-19\Adhoc\1819-0011 Paediatrics\Paed Ward Data.xlsx

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- g. Can there be clarity under each option what is provided on each site; and how this compares to the present (e.g. whether there is a midwifery unit currently on Boston that could be enhanced – if we are establishing from scratch, this

Option 2 - Non Elective Inpatient Activity transfer due to temporary closure of inpatient ward at Pilgrim

Paediatric Inpatient Admissions

Proposed alternative provider	17/18 Activity			3 year Average			With Paed Assessment **			Other Specialties			All Child Non Elective with Pilgrim Paed Assess		
	Daily	Monthly	Annual	Daily	Monthly	Annual	Daily	Monthly	Annual	Daily	Monthly	Annual	Daily	Monthly	Annual
Pilgrim*							1.825	54.75	657				1.825	54.75	657
Lincoln	1.68	50	606	1.85	56	666	1.20	36	432	0.21	6	76	1.41	42	508
Peterborough	3.31	99	1,190	3.60	108	1,297	2.36	71	848	0.42	12	150	2.77	83	998
NLAG	0.54	16	195	0.60	18	216	0.39	12	139	0.07	2	25	0.45	14	163
Nottingham	0.29	9	105	0.33	10	119	0.21	6	75	0.04	1	13	0.24	7	88
Leicester	0.53	16	191	0.62	18	222	0.38	11	136	0.07	2	24	0.45	13	160
Total	6.35	191	2,287	7.00	210	2,519	4.53	136	1,630	0.80	24	288	5.33	160	1,918

* Patients currently admitted but under 6 hours
 ** Paed Assessment would also see AOC patients

Data Sources
 S:\Analysis Team\2018-19\Adhoc\1819-0011 Paediatrics\1819-0011Paed postcode source of admission.xlsx
 S:\Analysis Team\2018-19\Adhoc\1819-0011 Paediatrics\Admission Dataset 0315 - 03-18.xlsx
 Calculations based on 3 year actual admissions under spec 420 Paediatrics

Other Specialties

There were 288 Non-Elective, child admissions in other specialties in 2017/18 to the PH-CHW

General Surgery	109
Orthopaedics	156

Data Sources
 S:\Analysis Team\2018-19\Adhoc\1819-0011 Paediatrics\Admission Dataset 0315 - 03-18.xlsx
 Calculations based on 17/18 actual admissions

Short stay admissions

The admission figures above include the following short stay admissions

	0-2 Hours	2-4 Hours	4-6 Hours	Total
Average patients per month	11	23	21	55

Data Sources
 S:\Analysis Team\2018-19\Adhoc\1819-0011 Paediatrics\1819-0011 Paed Short los.xlsx
 2017/18 Actual admissions

Short notice Outpatient Attendances seen Outside Clinic

Will be discharged from A&E or Paed Assessment

	2017/18
A+E (Referral)	289
After A+E Attendance	2
After Emergency Admission (Fup)	1
Community services	170
Consultant Other Provider	1
Cross Specialty Referral	18
GP Phone Referral	751
GP Referral	711
Midwife	194
Re-Attendance after IP Stay Other Provider	1
Referral by other consultant	1
Same Consultant	63
Self referral	90
	2,292
Monthly Average	191
Daily Average	6.4

Data Sources
 S:\Analysis Team\2018-19\Adhoc\1819-0011 Paediatrics\Outpatient data.xlsx

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Option 3 - Option 2 plus Temporary closure of Obstetric and Neonatology

Paediatric Inpatient Admissions

Proposed alternative provider	17/18 Activity			3 year Average		
	Daily	Monthly	Annual	Daily	Monthly	Annual
Pilgrim*						
Lincoln	1.68	50	606	1.85	56	666
Peterborough	3.31	99	1,190	3.60	108	1,297
NLAG	0.54	16	195	0.60	18	216
Nottingham	0.29	9	105	0.33	10	119
Leicester	0.53	16	191	0.62	18	222
Total	6.35	191	2,287	7.00	210	2,519

Data Sources
 S:\Analysis Team\2018-19\Adhoc\1819-0011 Paediatrics\1819-0011Paed postcode source of admission.xlsx
 S:\Analysis Team\2018-19\Adhoc\1819-0011 Paediatrics\Admission Dataset 0315 - 03-18.xlsx
 Calculations based on 3 year actual admissions under spec 420 Paediatrics

Obstetric Move

Original STP Calculations

Alternative Provider	Displaced Activity		
	Nearest	Adjusted by 5 Mins	Adjusted by 10 Mins
Lincoln County Hospital	254	619	1294
Peterborough	1159	845	444
QEH	39	39	39
Grimsby	341	290	16
TOTAL	1793	1793	1793

Alternative Provider	% Displaced by Provider		
	Nearest	Adjusted by 5 Mins	Adjusted by 10 Mins
Lincoln County Hospital	14.2%	34.5%	72.2%
Peterborough	64.6%	47.1%	24.8%
QEH	2.2%	2.2%	2.2%
Grimsby	19.0%	16.2%	0.9%
TOTAL	100.0%	100.0%	100.0%

Data Source
 S:\Analysis Team\2018-19\Adhoc\1819-0011 Paediatrics\Admission Dataset 0315 - 03-18 Vanesa Treasure.xlsx

2018/19 Contract

Delivery Spells

	Before		Babies	45% normal
	Midwifery led unit	Midwifery led Unit		
Boston Midwifery led unit			300	300
Total Delivery Spells (Women) - to move	1,811	1,511		1,575
Lincoln County Hospital	625	522		544
Peterborough	853	712		742
QEH	39	33		34
Grimsby	293	244		255
2017/18			1894	1,948

Non Delivery Spells

	Before	
	Midwifery led unit	Midwifery led Unit
Care pathway to be confirmed		2191
Total Non Delivery Spells (Women) - to move	2,756	565
Lincoln County Hospital	951	195
Peterborough	1,299	266
QEH	60	12
Grimsby	446	91

Data Source
 S:\Analysis Team\2018-19\Adhoc\1819-0011 Paediatrics\1q 1819 HRG plan.xlsx

Neonatal (inc transitional care)

2018/19 Contract

Neonatology (Specialty 422)

	Activity	
Neonatal Care	2,839	Bed days
Non Elective Spells	490	Patients

Bed day Movement

	Annual		Per day	
	Total Bed days	Babies	Beds per day	Admissions per day
Total	2,839	490	7.8	1.3
Lincoln County Hospital	980	169	2.7	0.5
Peterborough	1,338	231	3.7	0.6
QEH	62	11	0.2	0.0
Grimsby	459	79	1.3	0.2

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Option 4 - Stop General Paediatric Outpatients and stop some child Elective and Daycase Activity at Lincoln

General Paediatric OP

2018/19 Contract Pilgrim Hospital and peripheral sites

Paediatrics (Specialty 420)

	Activity
Outpatient Firsts - Consultant Led	4,392
Outpatient Firsts - Non Consultant Led	99
Outpatient FUPs - Consultant Led	2,305
Outpatient FUPs - Non Consultant Led	30

Data Source

\\finance-11\finance\Information\Karen Data\1q for budget setting and FEP - karen1.xlsx

Short notice New Outpatient Attendances seen Outside Clinic (Aged under 16)

Patient seen on day of referral

(Will be retained at Pilgrim)

	2017/18
A+E (Referral)	289
After A+E Attendance	2
After Emergency Admission (Fup)	1
Community services	170
Consultant Other Provider	1
Cross Specialty Referral	18
GP Phone Referral	751
GP Referral	711
Midwife	194
Re-Attendance after IP Stay Other Provider	1
Referral by other consultant	1
Same Consultant	63
Self referral	90
	2292
Monthly Average	191

Data Sources

S:\Analysis Team\2018-19\Adhoc\1819-0011 Paediatrics\Oupatient data.xlsx

New Outpatient Activity being displaced

	Activity	Month
Outpatient Firsts - Consultant Led	2,100	175

Daycase and Elective Admissions (other Specialties) - Aged 16 and under 2017/18 Actuals

Specialty	Spells
General Surgery	22
Urology	50
Orthopaedics	68
ENT	236
Ophthalmology	58
Oral/Maxillo Facial	68

Not in Main Ward

Sleep Studies	48
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NB A small number of Daycase activity may not be on Main Ward

Lincoln and Grantham Activity

Outpatients

	Activity	Urgent	Per month
Outpatient Firsts - Consultant Led	4,074	611	51
Outpatient Firsts - Non Consultant Led	1,795		
Outpatient FUPs - Consultant Led	3,663		
Outpatient FUPs - Non Consultant Led	612		

Experienced Urgency level of 15%

Daycase and Elective Admissions - Aged 16 and under 2017/18 Actuals

Specialty	Spells
General Surgery	7
Urology	56
Orthopaedics	249
ENT	287
Ophthalmology	46
Oral/Maxillo Facial	94
Dermatology	29
Radiology	79

Source Data

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