

Integrated Impact Assessment Report for Service Specifications			
Service Specification Reference Number 1652			
Service Specification Title	Specialist maternity care for women diagnosed with abnormally invasive placenta		
Lead Commissioner	Anthony Prudhoe	Clinical Lead	Catherine Greenwood.
Finance Lead	Jazz Nandra	Analytical Lead	

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About this Impact Assessment: instructions for completion and explanatory notes

- Each section is divided into themes.
- Each theme sets out a number of questions.
- All questions are answered by selecting a drop down option or including free text.
- Free text boxes are provided to enable succinct relevant commentary to be added which explains the rationale for response or assumption. Please limit responses to 3 sentences of explanatory text.
- Data in this document is either drawn from one of the relevant service specification documents or a source for the information is provided.
- Where assumptions are included where data is not available, this is specified.

Section A - Activity Impact		
A1 Current Patient Population & Demography / Growth		
A1.1 Prevalence of the disease/condition.	Abnormally Invasive Placenta (AIP) is rare. The single greatest risk factor for AIP is previous caesarean delivery. Caesarean section rates are at 26.2%. The risk of AIP increases with each subsequent caesarean section and estimates are highlighting that around 65-70% of women request repeat caesarean section rather than vaginal birth after caesarean section.	
	A soon to be published observational study, led by clinicians in Oxford, contacted all 154 obstetric led units in England asking for details regarding intended place of delivery for antenatally diagnosed AIP and the estimated numbers of cases treated over the last 5 years (2012-2017). One hundred and fourteen units replied to the survey (74%). Extrapolating their numbers to all the units in England gives an estimate of approximately 344 procedures per year, an incidence of 5.2 cases per 10,000 births. This is higher than the previous incidence reported by UKOSS in 2013 but is in line with the numbers being anecdotally reported by English Clinicians.	
	For integrated impact assessment planning purposes we have estimated that the total number of procedures for all centres in England is 344/year. We have not used the projected number of cases linked to caesarean section rates. Source: Service Specification Proposition section 3.1	
A1.2 Number of patients currently eligible for the service according to the proposed service specification commissioning criteria.	344 Source: See A1.2 Provider Survey Please specify See A1.1	

A1.3 Age group for which the service is proposed according to the service specification commissioning criteria.	All ages Please specify Babies born in England in 2013 were most likely to have a mother aged 25-34 with over half of mothers (59%) in this age group. A further 21% of babies were born to mothers aged under 25 while 20% had mothers aged over 35 at the time of birth. (Live Births in England and Wales by Characteristics of Mother 2013; Office for national statistics)		
A1.4 Age distribution of the patient population eligible according to the proposed service specification commissioning criteria	As above Source: required Please specify See A1.3		
A1.5 How is the population currently distributed geographically?	Evenly If unevenly, estimate North Midlands & East London South Source: Service special	enter % enter % enter % enter %	
A2 Future Patient Population & Demography			
A2.1 Projected changes in the disease/condition epidemiology, such as incidence or prevalence (prior to applying the new service specification) in 2, 5, and 10 years?	Increasing		

	If other, Click here Source: Service s		osition section 3.1
A2.2 Are there likely to be changes in demography of the patient population and would this impact on activity/outcomes?	Yes Please specify The rates of AIP will rise as a result of increasing caesarean delivery, (but this will need to be monitored as planning assumptions are based upon a survey of activity) Source: Service specification proposition section /other		
A2.3 Expected net increase or decrease in the number of patients	YR2 +/-	17	
who will be eligible for the service, according to the proposed service specification commissioning criteria, per year in years 2-5	YR3 +/-	35	
and 10?	YR4 +/-	54	
	YR5 +/-	74	
	YR10 +/-	189	
Are these numbers in line with ONS growth assumptions for the age specific population? If not please justify the growth assumptions made.		umptions are base	ed upon a survey of activity and the s linked to 5% used for modelling
A3 Activity			
A3.1 What is the purpose of new service specification?	Provide service specification for a new service approved to be commissioned by NHS England for the first time in accordance with PSSAG / other recommendation		

	*PSSAG (Prescribed Specialised Services Advisory Group)
A3.2 What is the annual activity associated with the existing pathway for the eligible population?	344 Source: Provider Survey See A1.1
A3.3 What is the estimated annual activity associated with the proposed service specification proposition pathway for the eligible population?	344 Source: Provider Survey See A1.1
A4 Patient Pathway	
A4.1 Patient pathway Describe the current patient pathway and service	Between a half to two thirds of women with AIP are not currently antenatally diagnosed with the condition only being discovered at delivery. There is currently no agreed national patient pathway or service. Many Trusts in England have their own guidelines with either in house review or referral to a local fetal medicine unit. Who is screened, what diagnostic technique (US or MRI) is used and where and how the woman is delivered, is entirely dependent on the individual clinicians.
	Source: Current pathway
A4.2. What are the current service access and stopping criteria?	Access is determined by the local facilities and individual clinician. Stopping criteria is linked to no evidence of AIP on ultrasound or MRI examination.

	Source: Current pathway
A4.3 What percentage of the total eligible population are: a) Referred b) Meet any existing criteria for care c) Considered to meet any existing exclusion criteria	If not known, please specify Not known a) b) Source: Current pathway
 A4.4 What percentage of the total eligible population is expected to: a) Be referred to the proposed service b) Be eligible for care according to the proposed criteria for the service c) Take up care according to the proposed criteria for the service d) Continue care according to the proposed criteria for the service? 	Not known a) b) c) d) Source: Click here to enter text.
A4.5 Specify the nature and duration of the proposed new service or intervention.	One off For time limited services, specify frequency and/or duration. Single intervention linked to individual pregnancy. Source: Service Specification
A5 Service Setting	
A5.1 How is this service delivered to the patient?	Select all that apply: Emergency/Urgent care attendance Acute Trust: inpatient

	Acute Trust: day patient			
	Acute Trust: outpatient		\boxtimes	
	Mental Health provider: inpatient			
	Mental Health provider: outpatient			
	Community setting			
	Homecare			
	Other			
		T		1
A5.2 What is the current number of contracted providers for the	NORTH	0		
eligible population by region?	MIDLANDS & EAST	0		
	LONDON	0		
	SOUTH	0		
	There are no contracted reported that they carry on themselves as specialist	out this prod	cedur	
A5.3 Does the proposition require a change of delivery setting or capacity requirements?	Yes Please specify: NHS England does not contract with centres to deliver specialist maternity care for diagnosis and management of women with AIP. This service will need to be procured. Source: Current pathway			

A6 Coding				
A6.1 Specify the datasets used to record the new patient pathway	Select all that apply:			
activity.	Aggregate Contract Monitoring *			
*expected to be populated for all commissioned activity	Patient level contract monitoring			
	Patient level drugs dataset			
	Patient level devices dataset			
	Devices supply chain reconciliation dataset			
	Secondary Usage Service (SUS+)			
	Mental Health Services DataSet (MHSDS)			
	National Return**			
	Clinical Database**			
	Other**			
	**If National Return, Clinical database or other Click here to enter text.	selected, please specify:		
A6.2 Specify how the activity related to the new patient pathway will	Select all that apply:			
be identified.	OPCS v4.8			
	ICD10			
	Service function code			
	Main Speciality code			
	HRG			
		 -		

	SNOMED	
	Clinical coding / terming methodology used by clinical profession	
	See A6.5.	
A6.3 Identification Rules for Drugs:	Not applicable	
How are any drug costs captured?	If already specified in the current NHS England specify drug name and indication for all that application contains the current of the current NHS england specific drug name and indication for all that applications are contained in the current NHS england specified in th	•
	If drug(s) NOT already been specified in the cu List please give details of action required and discussed with the pharmacy lead:	
	Click here to enter text.	
		!
A6.4 Identification Rules for Devices:	Not applicable	
A6.4 Identification Rules for Devices: How are device costs captured?	Not applicable If device(s) covered by an existing category of Device Category (as per the National Tariff Pa for all that apply:	
	If device(s) covered by an existing category of Device Category (as per the National Tariff Pa	
	If device(s) covered by an existing category of Device Category (as per the National Tariff Pa for all that apply:	lyment System Guidance) ed within existing National or
	If device(s) covered by an existing category of Device Category (as per the National Tariff Pa for all that apply: Click here to enter text. If device(s) not excluded from Tariff nor covere Local prices please specify details of action re-	lyment System Guidance) ed within existing National or
	If device(s) covered by an existing category of Device Category (as per the National Tariff Parfor all that apply: Click here to enter text. If device(s) not excluded from Tariff nor covered Local prices please specify details of action rechas been discussed with the HCTED team.	ed within existing National or quired and confirm that this
How are device costs captured?	If device(s) covered by an existing category of Device Category (as per the National Tariff Parfor all that apply: Click here to enter text. If device(s) not excluded from Tariff nor covered Local prices please specify details of action rechas been discussed with the HCTED team. Click here to enter text.	ed within existing National or quired and confirm that this existing that the existing variety is a service line pecify the specialised service

	Click here to enter text. If the activity is not captured please specify whether the proposed identification rules have been documented and agreed with the Identification Rules team. Yes
A7 Monitoring	
A7.1 Contracts Specify any new or revised data flow or data collection requirements, needed for inclusion in the NHS Standard Contract Information Schedule. Please identify any excluded drugs or devices relevant to the service and their current status with regard to NHS England specialised services commissioning.	Yes - other Please specify Activity data to be developed
A7.2 Business intelligence Is there potential for duplicate reporting?	No If yes, please specify mitigation: Click here to enter text.
A7.3 Contract monitoring Is this part of routine contract monitoring?	No If no, please specify contract monitoring requirement: Once the service is procured it will be subject to contract monitoring
A7.4 Dashboard reporting Specify whether a dashboard exists for the proposed service?	No If yes, specify how routine performance monitoring data will be used for dashboard reporting. Click here to enter text.

If no, will one be developed? Yes
No If yes, specify how performance monitoring data will be used for this purpose. Click here to enter text.
3 - Service Impact
This service is currently organised across general maternity and tertiary care services. Some informal local networks have developed but the overall service model is not yet fully developed or commissioned. Source Current Pathway
Yes Please specify: Specialist AIP centres will be commissioned to provide services as part of a regional network arrangement with local maternity services. Source: Service Specification
Implement a new model of care Please specify: As above

B2 Geography & Access			
B2.1 Where do current referrals come from?	Select all that apply:		
	GP		
	Secondary care	\boxtimes	
	Tertiary care	\boxtimes	
	Other		
	Please specify:	·	
	Referrals from maternity	services.	
B2.2 What impact will the new service specification have on the sources of referral?	No impact Please specify: This service specification allow for referrals to be referrals.		npact on the sources of referral. It will commissioned service.
B2.3 Is the new service specification likely to improve equity of access?		diagnosis a standards.	e that all women are referred to nd management. These units will meet
B2.4 Is the new service specification likely to improve equality of access and/or outcomes?	No impact Please specify: Click here to enter text. Source: Equalities Impa	ct Assessn	nent

B3 Implementation	
B3.1 Will commissioning or provider action be required before implementation of the proposition can occur?	Procurement action Please specify: Possible provider selection action
B3.2 Time to implementation: Is a lead-in time required prior to implementation?	Yes - go to B3.3 Yes as this service will need to be procured
B3.3 Time to implementation: If lead-in time is required prior to implementation, will an interim plan for implementation be required?	 Yes If yes, outline the plan: Agree service specification and commissioning/procurement plan August 2018 Agree and confirm funding flows and top slicing arrangements with NHS England Pricing Development Team and NHS Improvement Procure service during 2018/19 Go live with new service 1 4 2019
B3.4 Is a change in provider physical infrastructure required?	No Providers will already have physical infrastructure linked to existing commissioned services – maternity theatres, adult critical care, neonatal critical care.
B3.5 Is a change in provider staffing required?	Yes To meet service specification requirements there may need to be some changes in provider staffing, however a number of centres are already providing this activity although not formally commissioned, therefore

	limited chang	es in provider sta	ffing required for a r	umber of providers.
B3.6 Are there new clinical dependency and/or adjacency requirements that would need to be in place?		_	ents will need to be cialist AIP centres	put in place to support
B3.7 Are there changes in the support services that need to be in place?		ed services will ne	ed to ensure that the number of providers	e necessary support s this is already
B3.8 Is there a change in provider and/or inter-provider governance required? (e.g. ODN arrangements / prime contractor)		ce will need to be s with local mater	supported by region nity services	al network
B3.9 Is there likely to be either an increase or decrease in the number of commissioned providers? If yes, specify the current and estimated number of providers required in each region	Increase Please complete the table:			
	Region	Current no. of providers	Future State expected range	Provisional or confirmed
	North	0		<u>P</u>
	Midlands & East	0		Р
	London	0		<u>P</u>

	South	0		<u>P</u>	
	Total	0	10-20	<u>P</u>	
	Please spec	ify:			_
	Click here to	enter text.			
B3.10 Specify how revised provision will be secured by NHS	Select all th	nat apply:			
England as the responsible commissioner.	Publication specificatio	and notification of n	new service		
	Market inte	rvention required			
		e selection process rovider configuration	s to secure increase or on	. 🛮	
	Price-based effectivenes		s to maximise cost		
	Any qualifie	ed provider			
	National Co	ommercial Agreem	ents e.g. drugs, device	es 🗆	
	Procureme	nt		\boxtimes	
	Other				
				<u> </u>	
B4 Place-based Commissioning					
B4.1 Is this service currently subject to, or planned for, place-based commissioning arrangements? (e.g. future CCG lead, devolved commissioning arrangements, STPs)		•	ssitate a limited numbe /el.	er of provide	rs to be
Section C	- Finance Im	pact			

C1 Tariff/Pricing			
C1.1 How is the service contracted and/or charged?	Select all	that apply:	
Only specify for the relevant section of the patient pathway		Not separately charged – part of local or national tariffs	\boxtimes
	Drugs	Excluded from tariff – pass through	
		Excluded from tariff - other	
		Not separately charged – part of local or national tariffs	\boxtimes
	Devices	Excluded from tariff (excluding ZCM) – pass through	
	Devices	Excluded from tariff (excluding ZCM) – other	
		Via Zero Cost Model	
		Paid entirely by National Tariffs	
		Paid entirely by Local Tariffs	
		Partially paid by National Tariffs	\boxtimes
	Activity	Partially paid by Local Tariffs	\boxtimes
		Part/fully paid under a Block arrangement	
		Part/fully paid under Pass-Through arrangements	
		Part/fully paid under Other arrangements	
C1.2 Drug Costs Where not included in national or local tariffs, list each drug or combination, dosage, quantity, list price including VAT if applicable and any other key information e.g. Chemotherapy Regime.	N/A		
NB discounted prices or local prices must not be included as these			

are subject to commercial confidentiality and must not be disclosed.	
C1.3 Device Costs Where not included in national or local tariff, list each element of the excluded device, quantity, list or expected price including VAT if applicable and any other key information. NB: Discounted prices or local prices must not be included as these are subject to commercial confidentiality and must not be disclosed.	N/A
C1.4 Activity Costs covered by National Tariff List all the HRG codes, HRG descriptions, national tariffs (excluding MFF), volume and other key costs (e.g. specialist top up %)	Activity costs are covered by the national maternity pathway tariff and NHS England is currently working with NHS Improvement and Pricing to remove costs from the maternity tariff to cover the cost of diagnostics and the surgical elements of the procedure:
C1.5 Activity Costs covered by Local Tariff List all the HRGs (if applicable), HRG or local description, estimated average tariff, volume and any other key costs. Also indicate whether the Local Tariff(s) is/are newly proposed or established and if newly proposed how is has been derived, validated and tested.	NA NA
C1.6 Other Activity Costs not covered by National or Local Tariff Include descriptions and estimates of all key costs.	NA
C1.7 Are there any prior approval mechanisms required either during implementation or permanently?	No Please specify: Click here to enter text.

C2 Average Cost per Patient		
C2.1 What is the estimated cost per patient to NHS England, in	YR1	£23,643.00
years 1-5, including follow-up where required?	YR2	£23,643.00
	YR3	£23,643.00
	YR4	£23,643.00
	YR5	£23,643.00
Are there any changes expected in year 6-10 which would impact the model?	If yes, pleas	e specify:
C3 Overall Cost Impact of this Service specification to NHS England in		1
C3 Overall Cost Impact of this Service specification to NHS Engangement C3.1 Specify the budget impact of the proposal on NHS England in relation to the relevant pathway.	Cost neutra Please spec	
C3.1 Specify the budget impact of the proposal on NHS England in	Cost neutra	
C3.1 Specify the budget impact of the proposal on NHS England in	Cost neutra	

C4.1 Specify the budget impact of the proposal on other parts of the NHS.	Budget impact for CCGs: Cost neutral Budget impact for providers: Cost neutral Please specify: Click here to enter text.
C4.2 Taking into account responses to C3.1 and C4.1, specify the budget impact to the NHS as a whole.	Cost neutral Please specify: Click here to enter text.
C4.3 Where the budget impact is unknown set out the reasons why this cannot be measured	
C4.4 Are there likely to be any costs or savings for non-NHS commissioners and/or public sector funders?	No Please specify: Click here to enter text.
C5 Funding	
C5.1 Where a cost pressure is indicated, state known source of funds for investment, where identified, e.g. decommissioning less clinically or cost-effective services.	NA

C6.1 What are the material financial risks to implementing this service specification?	The costs allocated to providers based on activity and top slicing the national maternity tariff may not adequately cover the provider costs.
C6.2 How can these risks be mitigated?	Activity monitoring and review of budget profile in the second part of 2019/20.
C6.3 What scenarios (differential assumptions) have been explicitly tested to generate best case, worst case and most likely total cost scenarios?	None.
C6.4 What scenario has been approved and why?	Activity levels has been set based on the most recent survey and the commissioning assumptions have been based on this which is higher than the original planning assumptions linked to caesarean rates
C7 Value for Money	
C7.1 What published evidence is available that the service is cost effective as evidenced in the evidence review?	There is no published evidence of cost-effectiveness
C7.2 Has other data been identified through the service	Select all that apply:
specification development relevant to the assessment of value for money?	Available pricing data suggests the service specification is equivalent cost compared to current/comparator service specification
	Available pricing data suggests the service is lower cost compared to current/comparator treatment
	Available clinical practice data suggests the new service

	Other data has been identified			
	No data has been identified	\boxtimes		
	The data supports a high level of certainty about the impact on value			
	The data does not support a high level of certainty about the impact on value			
C8 Non-Recurrent Costs C8.1 Are there non-recurrent revenue costs associated with this	No			
C8 Non-Recurrent Costs				
service specification?	If yes, please specify and indicate whether these would be incurred or			
	in jour, product opening and manager in terms in the mount of	0.		
	passed through to NHS England:	O.		
		01		
	passed through to NHS England:			
	passed through to NHS England: Click here to enter text. If the costs are to be passed through to NHS England please indicate.			