## University Hospitals of North Midlands MHS



## **Standard Operating Procedure**

None Invasive Prenatal Testing (NIPT)

Purpose:	To ensure that all staff are aware of the correct procedure when a women is offered and is undergoing a blood test for NIPT	
Scope:	Fetal Medicine/Screening Department	
Date of Issue:	September 2019	
Date of Review (Align to Policy/Guideline Review Date):	ASQUAM Guideline Protocol for Antenatal and Newborn Screening and Diagnostic Tests in Maternity Care and advice on Support for Parents	
Version Control:	2	

	ruction	Photograph / Diagram	
1.	A consultation with a midwife will take place regarding the options for Antenatal Screening.		
2.	The woman and her partner will be made fully aware of the diagnostic options available in the event of an increased chance result, i.e. amniocentesis and Chorionic Villus Sampling (CVS) and the associated risks of miscarriage and risks to the mother and fetus.		
3.	The woman and her partner will be informed that there is a screening blood test that is up to 99% accurate available (NIPT) if they do not wish to undergo diagnostic testing at this time. They will also be advised that this incurs a cost of £350.	CAS COMMANDS  Was resource ground or energy for the Outer Lynchion and other services and survey of the Commands of the comman	
4.	If the woman wishes to proceed with NIPT the Screening Midwife will then discuss and obtain written consent for NIPT following full discussion of the procedure with the woman and her partner using the packs provided by Premaithahealth	UN3373  WENT CARE  WANTE WITH CARE  HANDLE WITH CARE	

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Author: C Kirkham/D Bailey Version: 2 Page 1 of 5 5. Ensure that the woman is at least 12 weeks pregnant, this needs to be confirmed by scan. (If the woman wishes NIPT to be performed from 10 weeks gestation prior to her NHS dating scan, information can be used from a private scan.) Samples taken before this gestation will NOT be accepted

Ensure that the woman has read and understood her patient information leaflet.



**6.** Complete IONA prenatal 'Test Request and Patient Consent form'

## Woman and Doctor / Midwife must sign form



**7.** Enter woman's details on tablet (computer)

Take payment of £350 using pay pal reader in the Screening office



8. A trained practitioner competent at phlebotomy will fill the 10mls Streck blood tube (from the premaithahealth pack) with blood filling completely and mix by inverting gently 10 times.

(An instruction leaflet is available on the inside cover of the shipping box for support with the procedure.)





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Phlebotomist will record on streck tube: Woman's name Patient ID - NHS or hospital number Woman's DOB Sample date Confirm that the woman's name, ID, and date of birth on the tube matches the 'Test Request and Patient Consent form' Ensure request form is completed with all the necessary details 10. Insert blood sample into one of the slots of the foam cradle (in the transport pack) 11. Cover the sample with the absorbent sheet and place into biohazard bag and seal it. 12. Photocopy completed 'Test Request and Patient Consent form'

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13.	Place the biohazard bag and the completed 'Test Request and Patient Consent form' into the prepaid shipping box	The state of the s
14.	Affix the safety seal (from the shipping box) onto the box to seal  Write sender details on the back of the box	Trace fact for the fact of the
		BOLOGICAL SUBSTANCE CATEGORY B MOUNT SUBSTANCE
15.	Give the woman the pre-paid shipping box to put in a post box  Inform the woman that the results will take 5 to 7 working days from receipt in the lab and that she will be contacted by telephone when they are available.	UN3373 September 1
16.	Store photocopy of the completed IONA 'Test Request and Patient Consent form' in designated folder in the screening office in alphabetical order, for correct patient identification during the results process.  Add details to NIPT database in appropriate month	
	Once the whole procedure is complete register patient on the My NIPTportal  Complete the NIPT section (under screening specialism) ON K2	

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## 17. Results procedure

Premaitha lab will email the screening midwives when the results are available on the My NIPT Portal

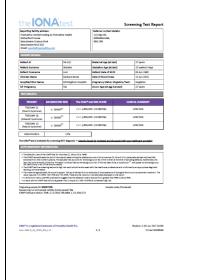
The woman will be contacted by telephone and informed of her results when accessed via the portal

She will be sent a hard copy to her home address if she wishes.

A copy will be added to attachments on K2

High risk results will be given initially over the phone and patient invited to come to UHNM Screening department as soon as possible to discuss result options and risks

Diagnostic testing amniocentesis will be offered, to clarify the outcome of a high risk result



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