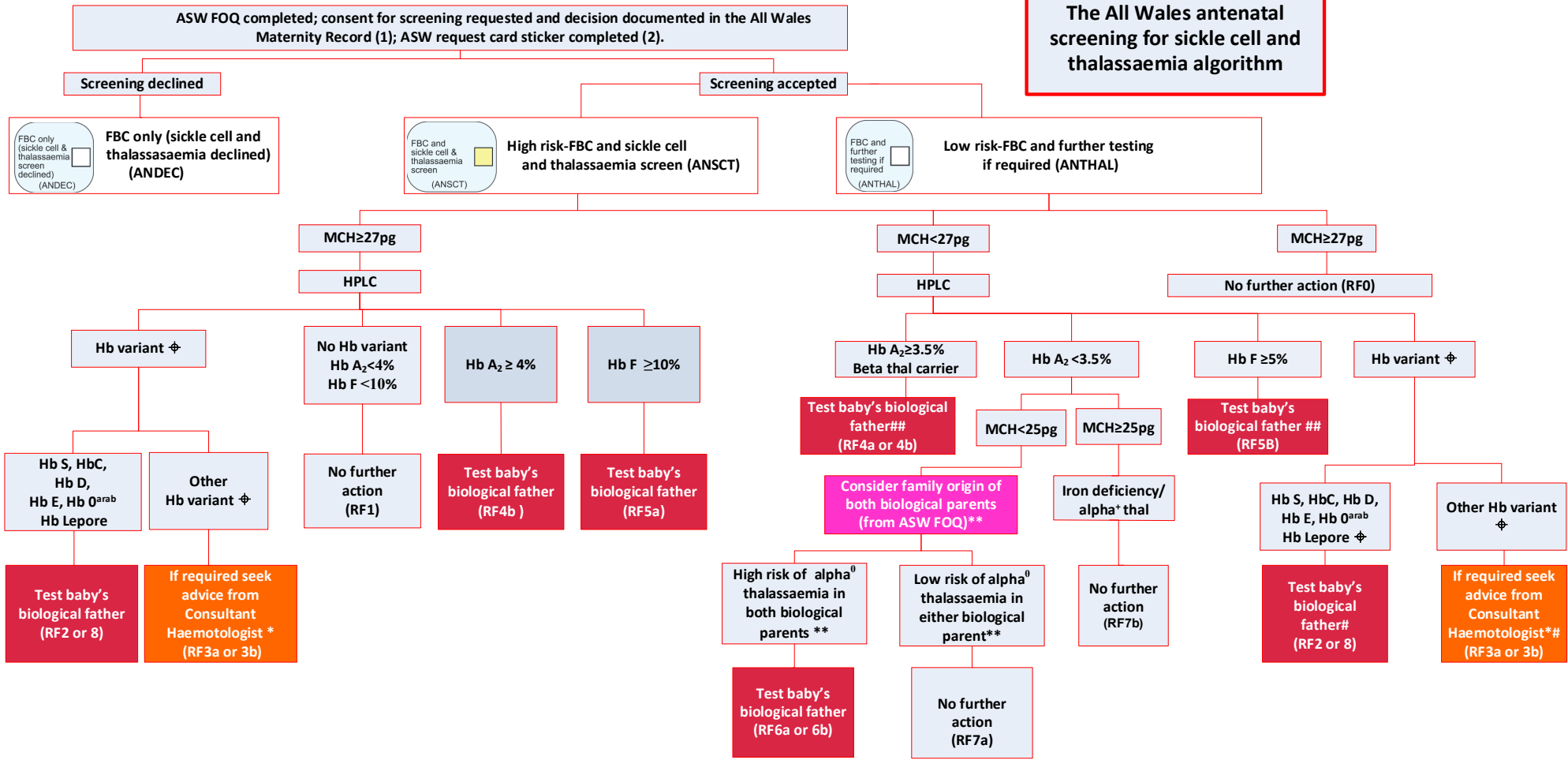


The All Wales antenatal screening for sickle cell and thalassaemia algorithm



* Refer analytical results to consultant for an opinion on the need for a clinical referral.

** Consider high risk if any family origins in China (including Hong Kong), Taiwan, Thailand, Cambodia, Laos, Vietnam, Burma (Myanmar), Malaysia, Singapore, Indonesia, Philippines, Cyprus, Greece, Sardinia, Turkey, or if ethnic/family origin uncertain/unknown. Reconsider low risk couples if fetal anaemia/hydrops seen on ultrasound scanning or if there is a family history of hydrops fetalis.

***Low risk or high risk as determined by the ASW family origin question. Note-if a baby's biological father is in a high risk family origin group, test the mother's sample regardless of her family origins.

In all cases consider co-existing α⁰thalassaemia if both parents are from a high risk area (**) and MCH<27pg.

The possibility of co-existing alpha zero thalassaemia if there are high risk family origins (**) for alpha zero thalassaemia and the MCH is <25pg.

⚡ Consider co-existing beta thalassaemia.

(1) ASW FOQ in the All Wales Maternity Record

Antenatal Screening Wales (ASW) information pack received? /
Pecyn Sgrinio Cyn Geni Cymru wedi'i dderbyn?

English/Welsh / Cymraeg/Saesneg

Easy read English/Welsh / Hawdd darllen Saesneg neu Gymraeg

Family Origins / Tarddiad Teuluol	Pregnant person / Person beichiog	Biological father / Tad biolegol	If any box ticked request FBC and sickle cell and thalassaemia screen / Os ticiwyd unrhyw flwch gofynnwch am gyfrif gwaed llawn a sgrinio am glefyd y crymangelloedd neu thalassaemia Otherwise request FBC and further testing / Fel arall gofynnwch am gyfrif gwaed llawn a phrawf pellach
	Yes / Ie	Yes / Ie	
Family origin outside of UK or Republic of Ireland / Tarddiad teuluol y tu allan i'r DU neu Weriniaeth Iwerddon			
Family origin unknown /			
History of sickle cell or thalassaemia / Hanes o glefyd y crymangelloedd neu thalassaemia			
Family history of sickle cell or thalassaemia / Hanes teuluol o glefyd y crymangelloedd neu thalassaemia			

Screening tests discussed and offered / Profion sgrinio'n cael eu trafod a'u cynnig

Signature / Llofnod _____ Date / Dyddiad _____

	Consent / Caniatâd		Date test taken / Dyddiad y prawf	Signature of person taking test / Llofnod y person sy'n cymryd y prawf
	Yes / Do	No / Naddo		
Hepatitis B / Hepatitis B				
HIV / HIV				
Syphilis / Sifffilis				
Blood group and antibodies / Grŵp gwaed a gwrthgyrff				
Sickle cell and thalassaemia / Clefyd y crymangelloedd a thalassaemia				
Down's syndrome screening / Sgrinio am Syndrom Down				
Early pregnancy dating scan / Sgan dyddio yn gynnar yn y beichiogrwydd				
Fetal anomaly scan / Sgan anomaledd yn y fetws				
Signature of person obtaining consent / Llofnod person sy'n cael caniatâd			Date / Dyddiad	

(2) ASW Request Card Sticker

Tick **one** request box only

FBC and further testing if required (ANTHAL) <input type="checkbox"/>	FBC and sickle cell & thalassaemia screen (ANSCT) <input checked="" type="checkbox"/>	FBC only (sickle cell & thalassaemia screen declined) (ANDEC) <input type="checkbox"/>
Woman's family origin: _____	Biological father of the baby's family origin: _____	