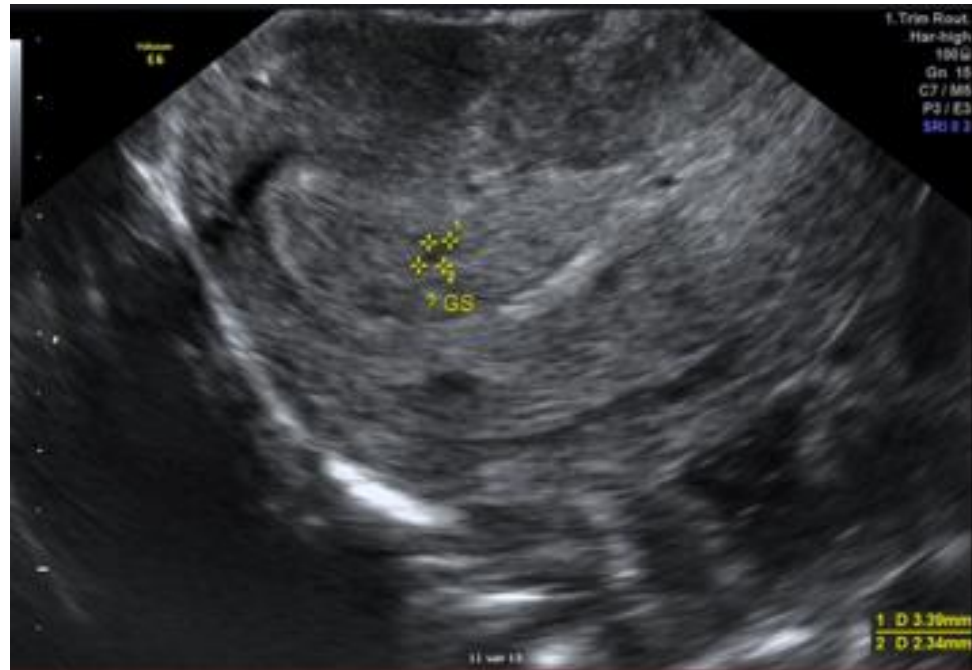


Pregnancy of unknown location (PUL)



Pregnancy of unknown location (PUL)

‘PUL’ is a term used to describe women with a positive pregnancy test who have no evidence of either an intra- or extra-uterine pregnancy on transvaginal ultrasound scanning

Pregnancy of unknown location (PUL)

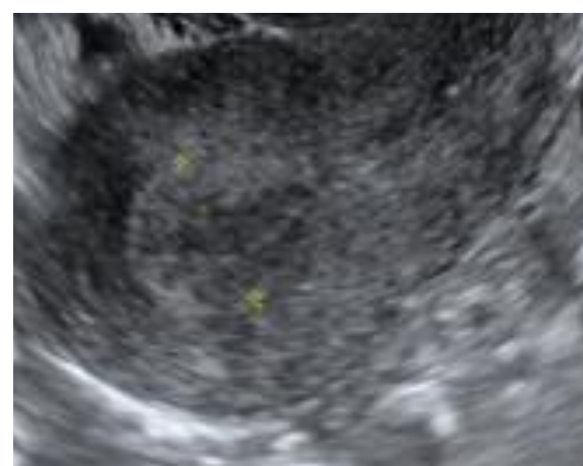
1. There is no evidence of an intrauterine pregnancy: different types of endometrium can be seen



Trilaminar aspect



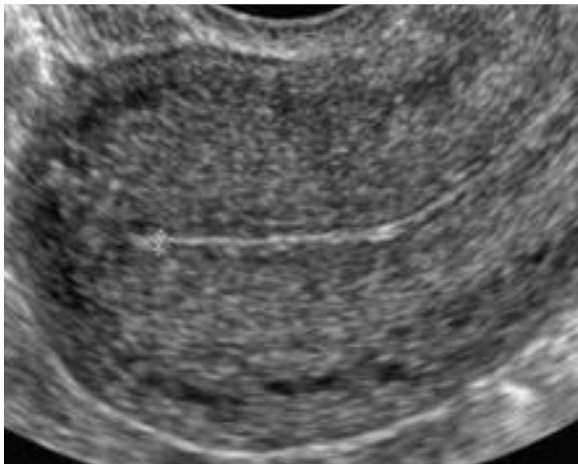
Thickened



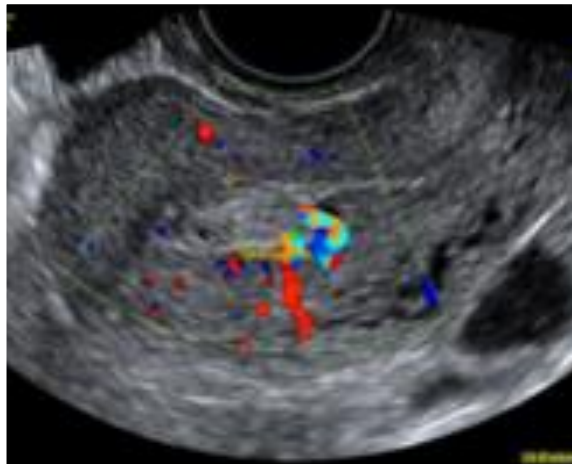
Thickened

Pregnancy of unknown location (PUL)

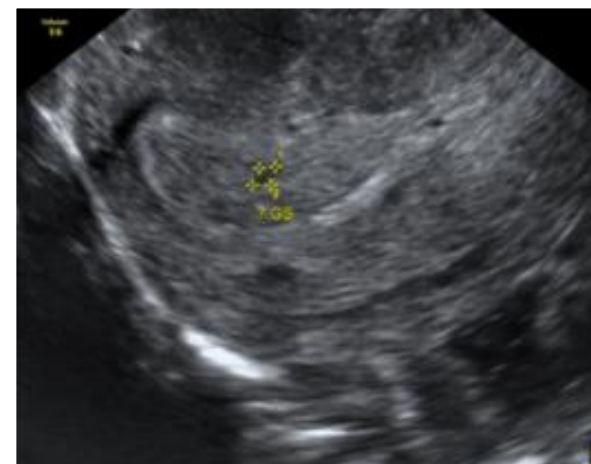
1. There is no evidence of an intrauterine pregnancy: different types of endometrium can be seen



Thin



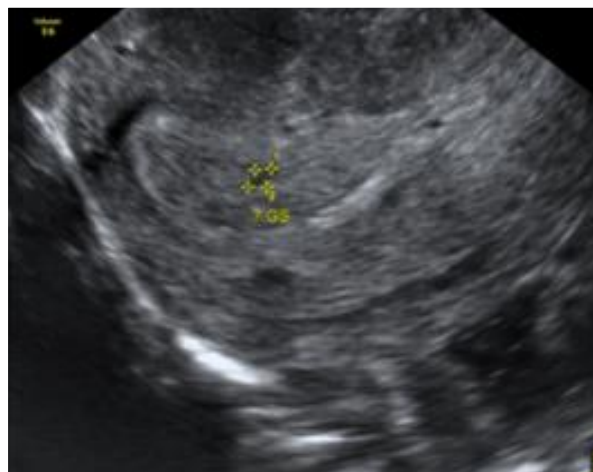
Heterogeneous



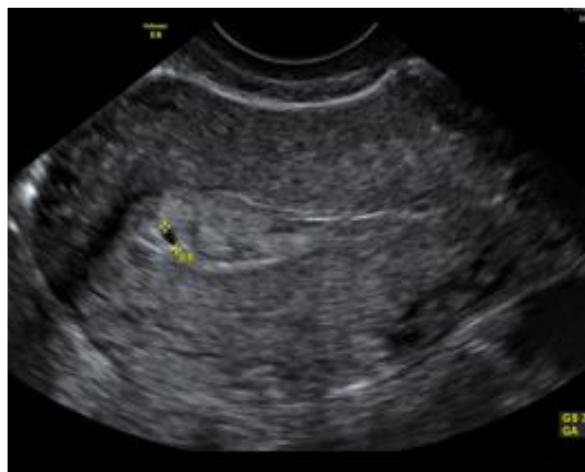
'Pseudo sac'

Pregnancy of unknown location (PUL)

Most 'pseudo sacs' are actually early intrauterine pregnancies rather than fluid indicating an ectopic



'Pseudo sac'



'Pseudo sac'



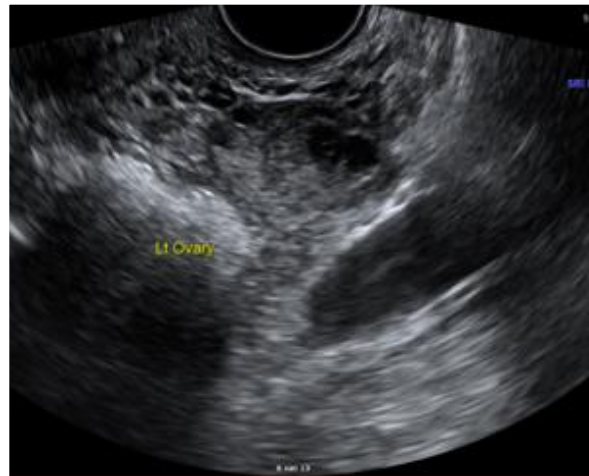
'Pseudo sac'

Pregnancy of unknown location (PUL)

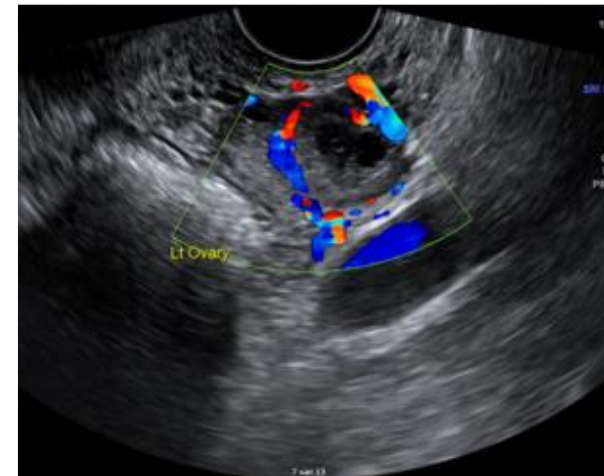
2. There is no evidence of an ectopic pregnancy



Normal ovary



Corpus luteum



Corpus luteum

Pregnancy of unknown location (PUL)

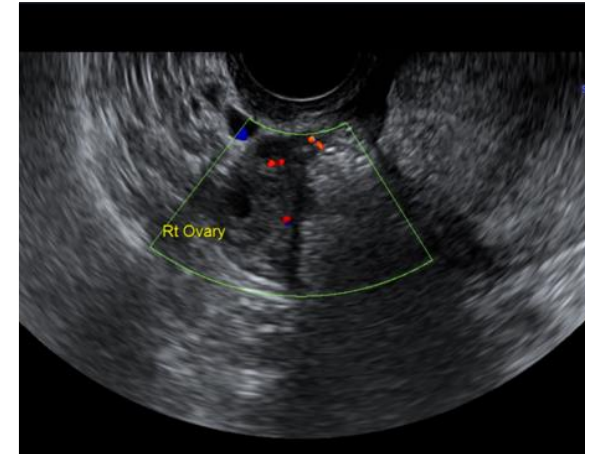
2) There is no evidence of an ectopic pregnancy



Uterus and ovary



Normal ovary



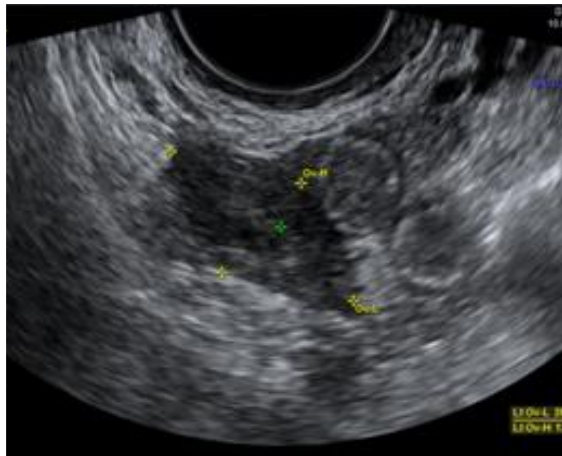
Normal ovary

Pregnancy of unknown location (PUL)

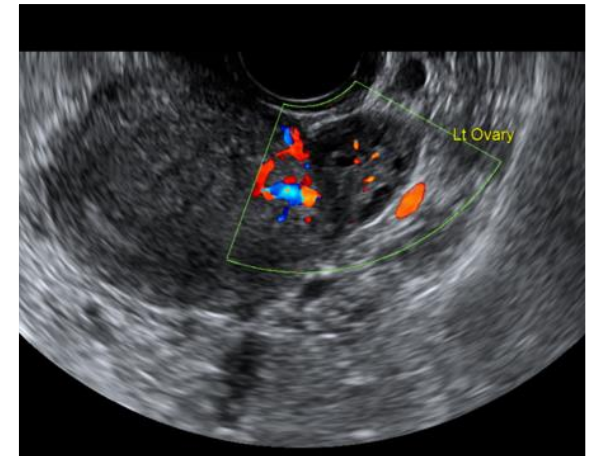
2) There is no evidence of an ectopic pregnancy



Corpus luteum



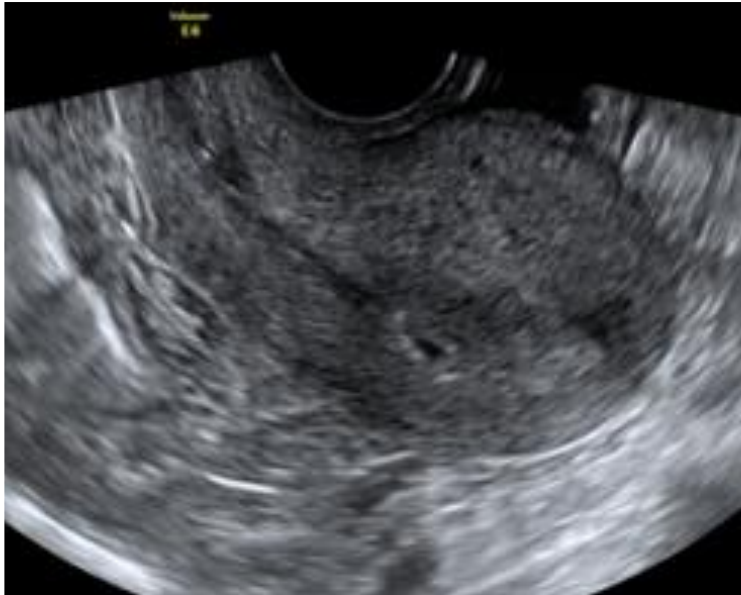
Normal ovary



Normal ovary

Pregnancy of unknown location (PUL)

3) Most patients are stable with no evidence of haemoperitoneum/ just physiological fluid on Douglas pouch



No free fluid



Physiological fluid

Persistent PUL

Classification of final outcomes for women with an initial ultrasound classification of PUL based on clinical management

Pregnancy of unknown location (PUL)

Visualised ectopic pregnancy

Evidence of ectopic pregnancy on transvaginal sonography (TVS) or via laparoscopy

Spontaneously resolved PUL

Spontaneous resolution of hCG levels

Visualised intrauterine pregnancy

Evidence of intrauterine pregnancy on TVS
Should be classified as viable, viability uncertain or non-viable

Persisting PUL

Non-visualised ectopic pregnancy

Persistent or rising hCG levels after uterine evacuation

Treated persistent PUL

Medical management of PUL without confirmation of the location of gestation

Resolved persistent PUL

Spontaneous resolution of hCG levels with expectant management or after uterine evacuation without evidence of chorionic villi on pathology

Histological intrauterine pregnancy

Chorionic villi identified in contents of uterine evacuation

Persistent PUL

Pregnancy of unknown location (PUL)

Classification of final outcomes for women with an initial ultrasound classification of PUL based on location

Ectopic pregnancy

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Spontaneous resolution of hCG levels with expectant management or after uterine evacuation without evidence of chorionic villi on pathology

Treated PUL

Treated persistent PUL

Medical management of PUL without confirmation of the location of gestation

Intrauterine pregnancy

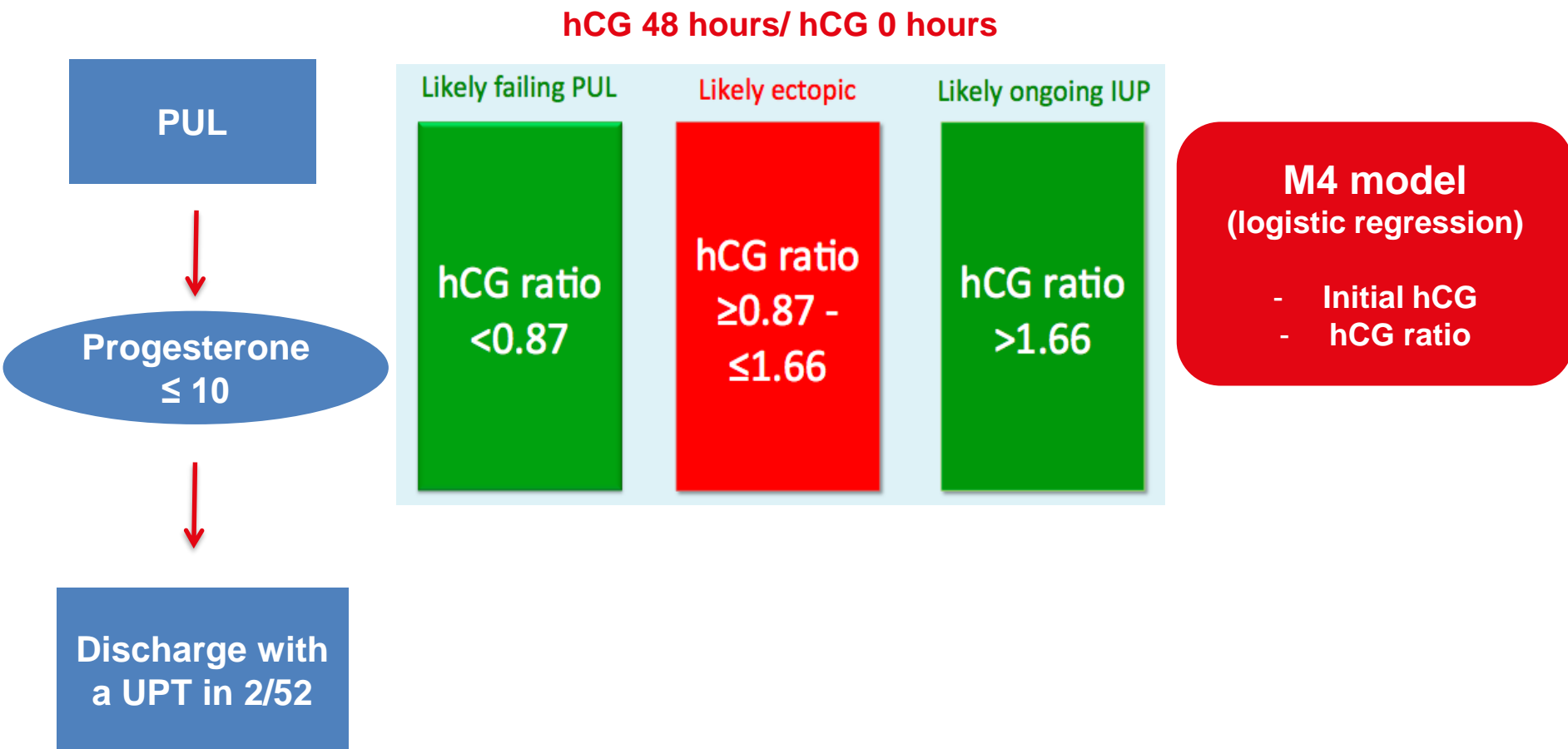
Visualised intrauterine pregnancy

Evidence of intrauterine pregnancy on TVS
Should be classified as viable, viability uncertain or non-viable

Histological intrauterine pregnancy

Chorionic villi identified in contents of uterine evacuation

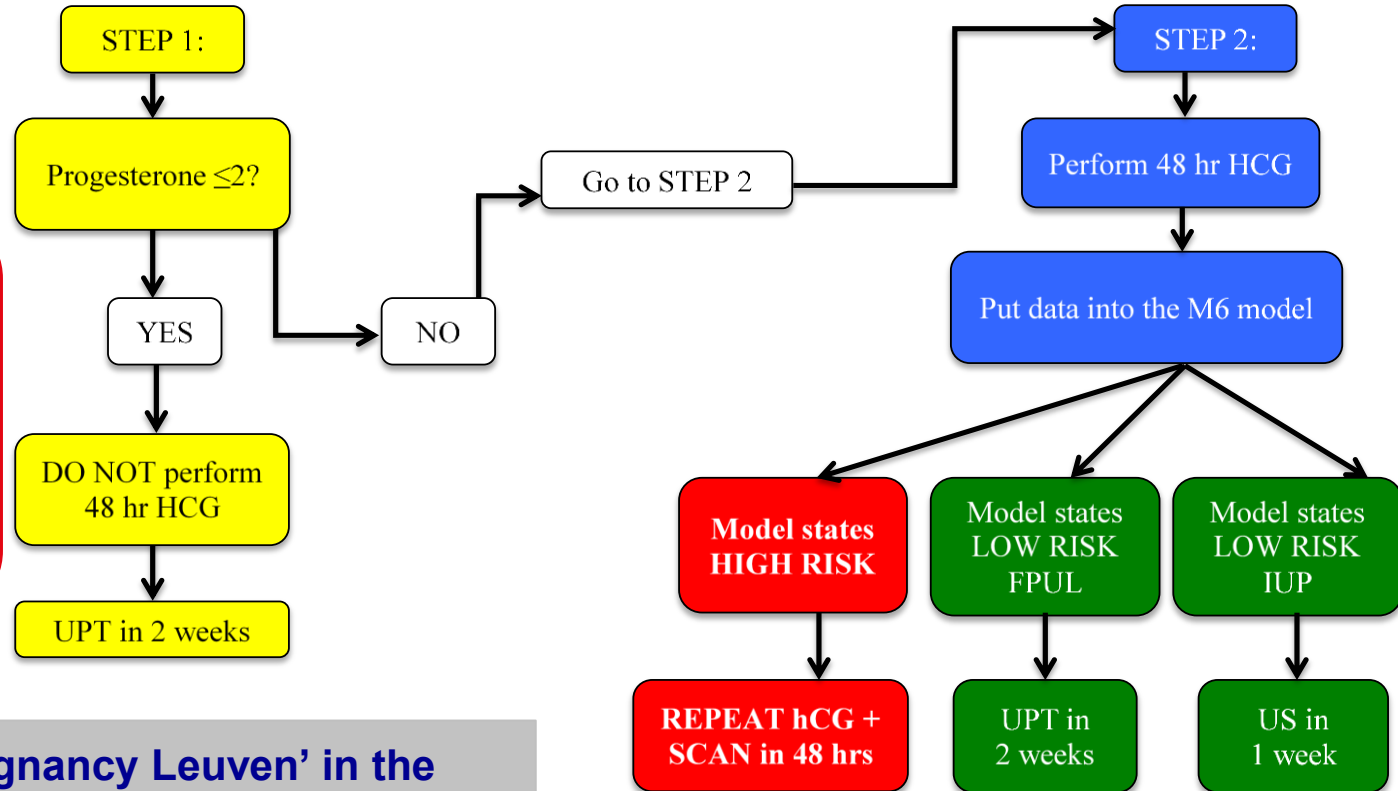
Management protocols: PUL



Management protocols: PUL

M6 model

- Initial hCG
- Initial progesterone
- hCG ratio



App: search 'early pregnancy Leuven' in the app store

Free website: www.earlypregnancy care.com/m6