Rule Out Ectopic in the Emergency Department

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Rule out Ectopic

Early pregnancy **and**
Abdominal pain **or**
Vaginal bleeding **or**
Syncope
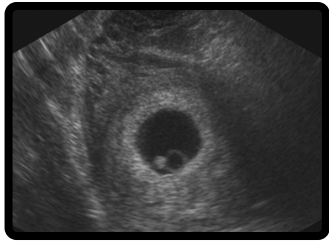
intrauterine gestational sac
with yolk sac

Stable?

Vital signs

no → **Resuscitate**

sonography vs. OR
vs. CT if stabilized

yes

Fertility Therapy?

yes → **OB Assessment**

Ultrasound

patients undergoing fertility
therapy are at higher risk of
heterotopic pregnancy and
other dangerous conditions
such as ovarian hyper-
stimulation syndrome

no

pseudogestational sac in ectopic
pregnancy with no yolk sac and free fluid

**Trans-abdominal
Sonography**

Ectopic excluded

Routine antenatal f/u
Consider Rho(D) IG

← yes — **IUP?**

IUP = intrauterine
gestational sac
surrounding
yolk sac **or** embryo
and *it's in the uterus* =
myometrial mantle > 8mm

no

**Consider alternate
dangerous causes of
patient's symptoms**

e.g.
Appendicitis
Pyelonephritis
PID

Free fluid? → yes → **Recheck Vitals**

Close monitoring, TVUS, OB
assessment, ectopic until
proven otherwise

no

**Trans-vaginal
Sonography**

Ectopic excluded

Routine antenatal f/u
Consider Rho(D) IG

← yes — **IUP?**

IUP = intrauterine
gestational sac
surrounding
yolk sac **or** embryo
and *it's in the uterus* =
myometrial mantle > 8mm

no

Evidence of ectopic?

adnexal mass
significant free fluid

→ yes → **OB Assessment**

no

Pregnancy of Undetermined Location

Send quantitative beta
Repeat ultrasound and beta in 24-48h
Strict ectopic precautions
Consider Rho(D) IG

Consider prompt OB assessment
if ectopic risk factors or severe pain/bleeding

Ectopic precautions
Return to the ER
immediately if increased
bleeding, feeling dizzy,
fainting, fever.

Ectopic risk factors
Prior ectopic
History of PID
Tubal surgery or disease
Pregnant after BTL, IUD
Exposure to DES in utero
Strongly unilateral pain

**Consider alternate dangerous
causes of patient's symptoms**

e.g.
Appendicitis
Pyelonephritis
PID

New diagnosis pregnancy?

Prenatal Vitamin
Review medications for pregnancy risk
Counsel regarding usual symptoms of
pregnancy, abstaining from bad habits
OB f/u

Discharge