

Subtotal sum =

m.c site: Tube;
Ampulla

Ovarian

Abdoming

-cervical

A hand-drawn diagram of a female reproductive system. The diagram shows the uterus, fallopian tubes, and ovaries. Labels include "many" and "increasing" on the left, "ovary" pointing to an ovary, "Abdomina." pointing to the abdominal area, and "cervical" pointing to the cervix.

management is contraindicated.

variable I.V pregnancy → medical

- Surgical

- H/o Tubal surgery (for fertility restoration or sterilization) : Highest risk.

- H₂O salpingitis

- peritubal adhesions

- ~~inf~~ ART - due to infertility.

- contraception - progesterone IUD / IUD
progesterone only pills.

- salpingitis isthmica nodosa

- congenital tubal anomalies

- Advanced maternal age

- smoking.

Tubal Ectopic

- m.c type of ectopic pregnancy.
- Risk (see previous page) / Etiology.

Clinical features

- Triad
 - vaginal bleeding
 - Abdominal pain.
 - Delayed menstruation / positive UPT.

Ruptured Ectopic : More severe symptoms and signs

- shoulder pain in hemoperitoneum
- pallor, shock - uterine rupture.
- Abdominal tenderness
- Bimanual exam : cervical motion tenderness
- Tender boggy mass in the post. fornix (collected blood) ^{pouch of Douglas}
- Cullen's sign : periumbilical bluish discoloration, duod
intra peritoneal bleeding.

Diagnosis : * clinical symptoms & signs

* investigation (βHCG)

- imaging studies - usa, colour doppler } ^{on} ruptured

procedures : culdocentesis, Laparoscopy.

Ruptured Ectopic

- clinical dx
- most time as an emergency - surgical management
- If in doubt & patient stable
- ultra sound (TVS) : Adnexal mass with free fluid.
- culdocentesis : Blood in pouch of Douglas

Unruptured ectopic

- investigations play an important role

- TVS

- intrauterine pregnancy

Gestation sac

✓ Eccentric (towards one side)

✓ Intradecidual sign

✓ Double decidual sac sign

✓ Double bleb sign

✓ Yolk sac

✓ Fetal pole with cardiac activity

⚡ Sonographic finding : unruptured Ectopic:

[Pseudosac - not well defined
- central]

Bagel sign in adnexa.

Ring of fire sign - in doppler.

- unruptured uterus ✓

- corpus luteal cyst ✓

Role B hCG in ectopic pregnancy

- level of B hCG - decide mode of management

- doubleing time (intrauterine pregnancy :: B hCG : double $> 60\%$ every 48 hours)

- Discriminatory zone.

↳ level of serum hCG - 1500-2000

can see intrauterine pregnancy
in TVS

Positive UPT + pain +
Bleeding

→ 6000 (TAS)

stable

unstable

→ Surgical management

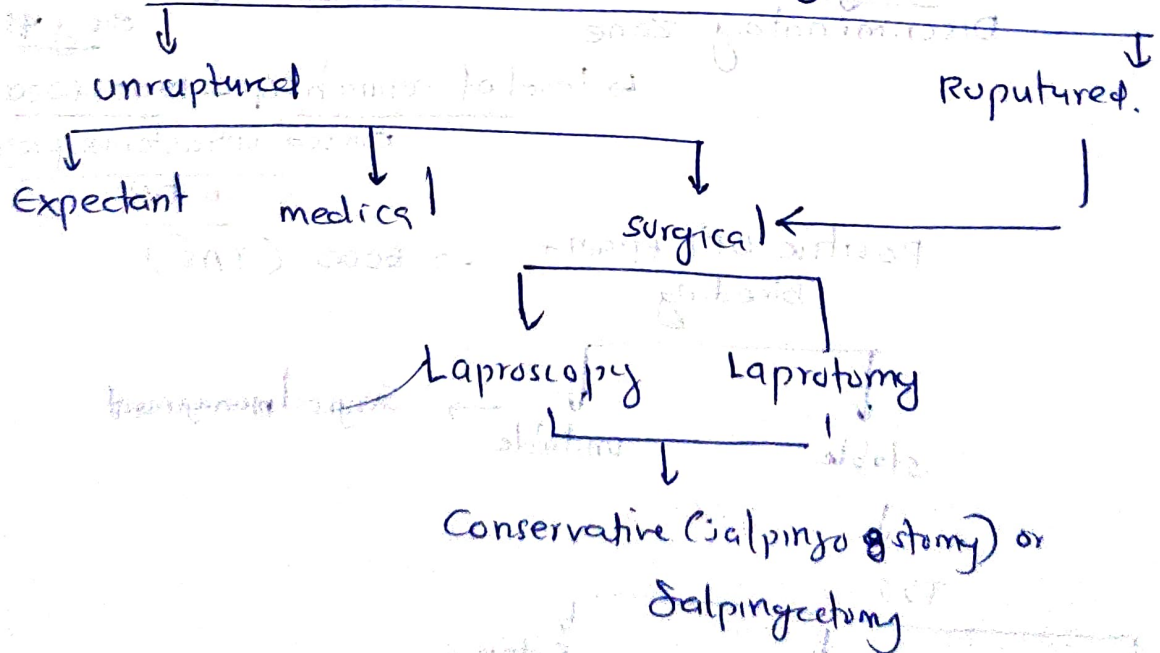
TVS

↳ intrauterine pregnancy

↳ non diagnostic

↳ pregnancy of unknown location.

↳ Ectopic pregnancy



Expectant management

- clinically stable with no pain
- serum β hcg < 1000 IU/L
- Tubal ectopic < 35 mm with no visible heartbeat
- Able to return for follow

No pain in giving 1000Rs & returning
it in 35 days

Medical management

An unruptured ectopic pregnancy with

1. Hemodynamically stable
2. No significant symptoms
3. ~~no~~ Gestational sac size < 3.5 cm
4. No visible cardiac activity
5. serum β hcg < 5000 IU/L
6. no. contraindication to methotrexate

Anemia, BM suppression

CLD, CLD
peptic ulcer.

Dosing - Single dose
Regime

- multiple
dose regime

Surgical management.

- Significant pain
- Adnexal mass of 35 mm or larger
- Fetal heart best visible on an USA.
- serum hcg level of 5000 IU/L or more.

lot of pain in heart
giving more 5000Rs
not returned in 35 days

- * salpingostomy - conserving tube
- * salpingectomy.

- family complete
- ectopic at previous
- ~~ectopic~~ ectopic
- ectopic @ tubal ligation



Ovarian ectopic - spigelberg entry.

- Tube on affected side must intact.
- gestation sac must occupy the position of ovary.