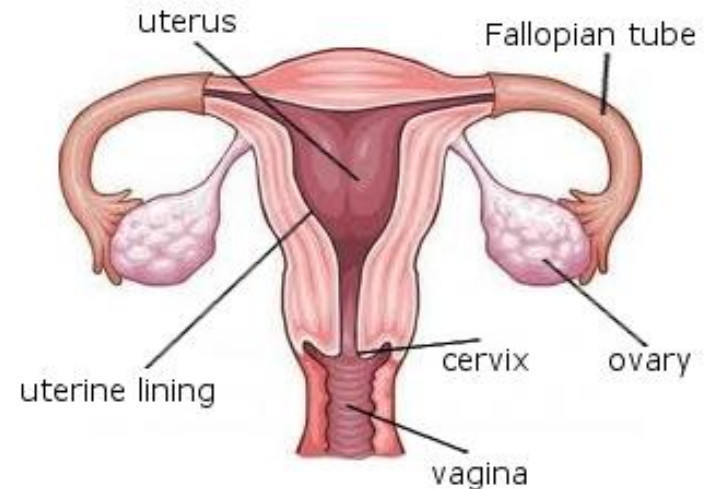


Pelvic Inflammatory Disease

❑ Acute Infection of upper genital track structures in women

- Uterus – Tubes – Ovaries – Adjacent Structures
- By Sexually Transmitted agents



❑ If not treated Long Sequelae

- Pelvic pain, Infertility, Ectopic Pregnancies
- Post Infection scarring



❑ Pathogenesis

- Normal Vaginal Flora
- *Neisseria gonorrhoeae*, *Chlamydia trachomatis*
- *Gardnerella vaginalis*, *Anaerobes*, *Mycoplasma genitalium*
- Always Treat as mixed Polymicrobial infection

❑ Risk Factors

- Multiple partners
- Age
- Previous PID
- Contraceptive Methods (IUCD)
- Transvaginal procedures



❑ **Diagnosis**

- Low threshold
- Acute/Sub clinical/Chronic
- Symptoms
 - ✓ Lower Abdominal Pain
 - ✓ Dyspareunia
 - ✓ Abnormal Vaginal Discharge
 - ✓ fever

❑ Examination Findings

- Lower Abdominal **Tenderness**
- Adnexal tenderness and Cervical Motion Tenderness
- Vaginal/Cervical/Endocervical Discharge
- Perihepatitis
- Tubo-ovarian abscesses

❑ Subclinical PID & Chronic PID

❑ DD

- ✓ Ectopic Pregnancy
- ✓ Acute Appendicitis
- ✓ UTI
- ✓ Endometriosis
- ✓ Complications of ovarian Cyst

□ Evaluation

■ History

✓ Sexual History

- Partners

- Contraceptive Methods

✓ Onset & Character of Pain

✓ Other Symptoms

■ Physical and Pelvic Examination

- ✓ Abdomen
- ✓ Speculum
- ✓ Bimanual



❑ Investigations

- Microscopy of Vaginal Discharge

- ✓ Gram Stain

- ✓ NAAT – (*Neisseria gonorrhoeae*, *Chlamydia trachomatis*, *Mycoplasma*)

- ✓ HIV Screening and VDRL

- CRP

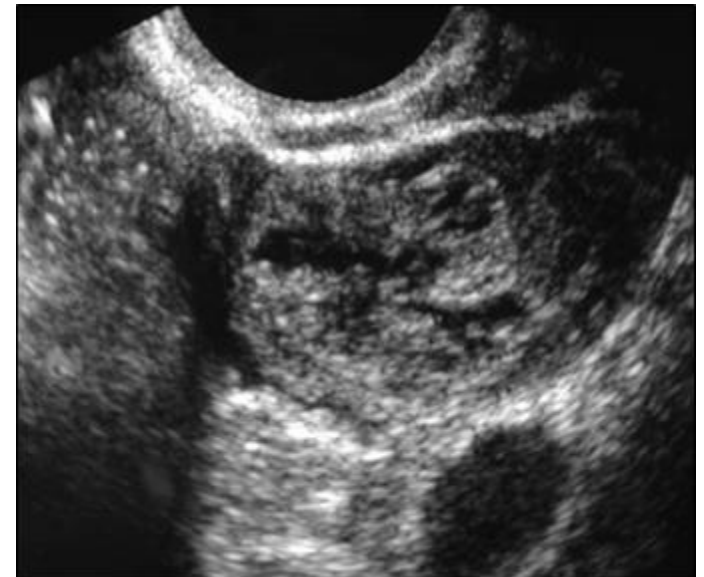
- Imaging

Cont.

- Imaging

- ✓ Thickened Fluid Filled tubes
- ✓ Cogwheel Appearance
- ✓ Fluid/Gas in the endometrial cavity
- ✓ Tubo-ovarian abscesses

- Laparoscopy



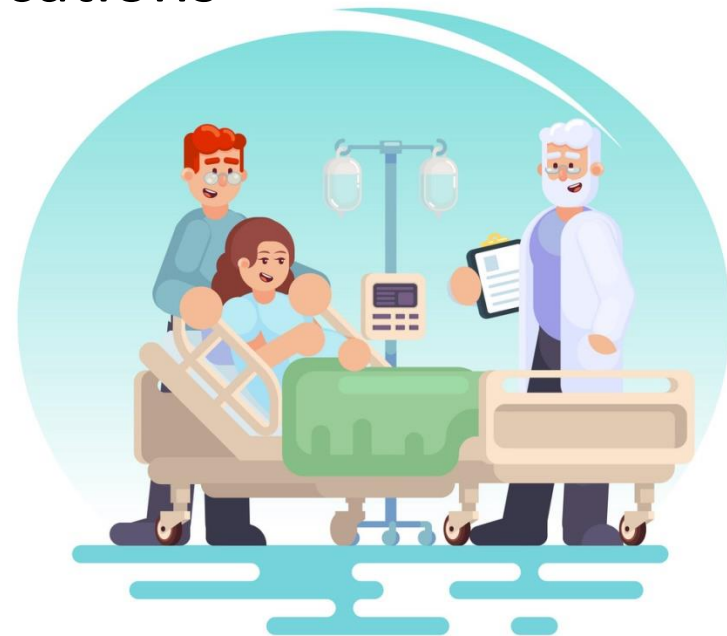
❑ Diagnosis & Treatment

- Low Threshold for diagnosis and Treatment due to potential serious reproductive sequela
- Always Treat as mixed Polymicrobial infection
- Regimes
 - ✓ Doxycycline 100mg bd (o) /14days
 - ✓ Metronidazole 400mg bd /14days
 - ✓ Cephalosporins /Clyndamycine/Ofloxacin
+/- Gentamycine



❑ Hospitalization - Indications

- ✓ Severe clinical illness (Fever/Nausea/Vomiting/pain)
- ✓ Complicated PID (Abscess)
- ✓ Low compliance
- ✓ Lack of tolerance to oral Medications
- ✓ Pregnancy



❑ Confidentiality

- ✓ Documentation
- ✓ Contact tracing
- ✓ Follow up

