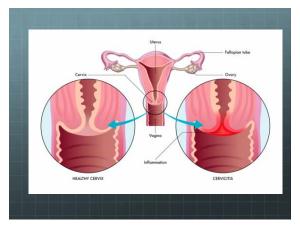
GYN Emergencies
EMRAM In-Service
Review
Diane Paratore DO;
MBA; MEd; FACEP,
FACOEP, FAAEM

Pelvic Pain Differential DX

- GYN: infections; structures
- Urologic: kidneys and bladder
- GI: bowel, hernia, "itis"
- MS: trauma, coccydynia, DJD
- Miscellaneous



Pelvis Infections

Cervicitis
Inflammation; cause
Symptoms
Treatment
HSV
Chlamydia
Gonorrhea
Trichomonas- parasite

3



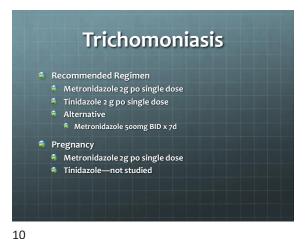


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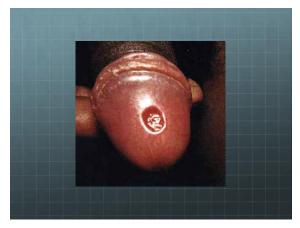
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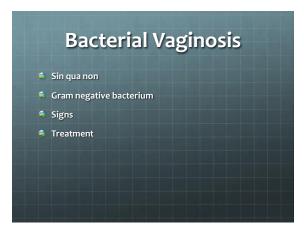


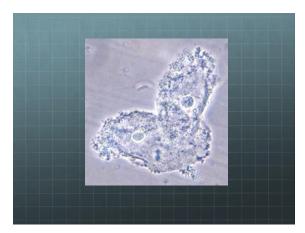
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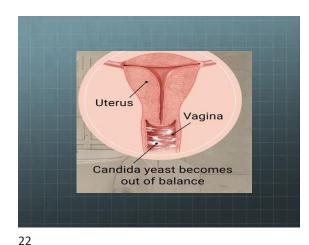


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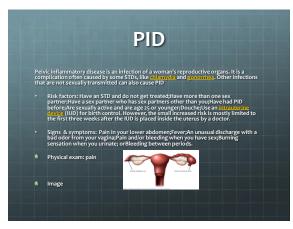








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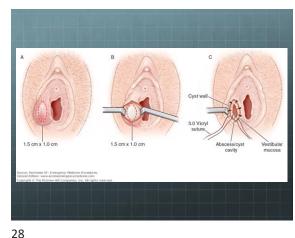
Vulvar Abscess

Outpt (5-10d): Bactril 1-2 DS tables twice daily or Doxy 100mg BID or Clinda 600mg TID or Linezole 600mg BID

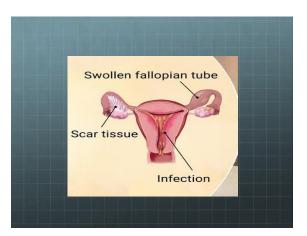
Inpt: Vanc PTD or Linezolid 600mg BID or Daptomycin 4mg/kg daily or Clinda 600mg TID

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Fitz-Hugh Curtis

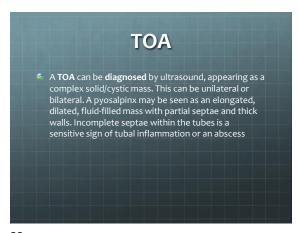
Fitz-Hugh Curtis Syndrome is a rare disorder that happens when pelvic Inflammatory disease (PID) causes swelling of the tissue around the liver. You may also hear it called "gonococcal perihepatitis" or "perihepatitis syndrome."

Pelvic inflammatory disease is an infection of a woman's reproductive organs. Most often it's caused by sexually transmitted infections (STIS) like chlamydia and gonorrhea. It usually causes inflammation of the uterus, ovaries, fallopian tubes, cervix, or vagina.

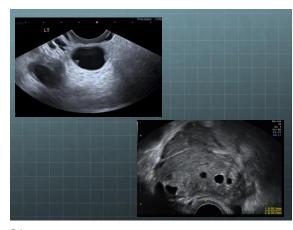
Sometimes, this inflammation spreads to the covering of the liver or the tissues surrounding the liver in the abdomen. It can also spread to the diaphragm, the muscle that separates the abdominal cavity and the chest.

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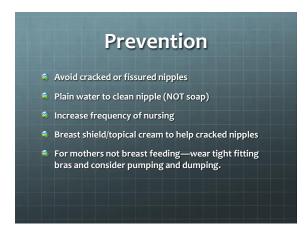


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Ovarian Disease

Ovarian Cyst
Ovarian Torsion
Ovarian Tumors

37 38



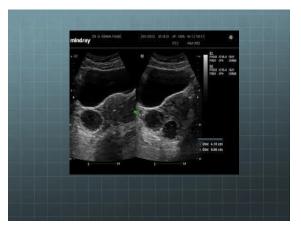
Types & Diagnosis

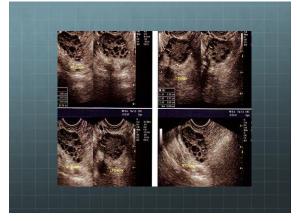
There are many causes and types of ovarian cysts, for example, follicular cysts, "chocolate cysts," dermoid cysts, and cysts due to polycystic ovary syndrome (PCOS).

Most ovarian cysts are not cancerous.

Most ovarian cysts are diagnosed with ultrasound or physical examination. Transvaginal ultrasound is a common way to examine ovarian cysts.

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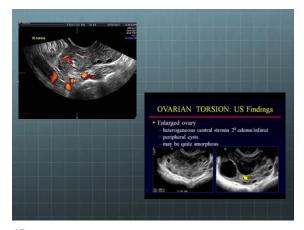
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Torsion

Ovarian torsion is a condition that occurs when an ovary twists around the ligaments that hold it in place. This twisting can cut off blood flow to the ovary and fallopian tube. Ovarian torsion can cause severe pain and other symptoms because the ovary is not receiving enough blood

43 44



PALM: Structural Causes Coglin: Nonstructural Causes
Polyp Coagulopathy
Adenomyosis Ovulatory dysfucntion
Leiomyoma submucosal myoma other myoma
Malignancy & hyperplasia Iatrogenic
Not yet classified

45 46

Tumors

An ovarian tumor is a slow-growing abnormal mass of tissue on or in a woman's ovary. A tumor is a solid mass, unlike a fluid-filled ovarian cyst. ... A tumor can be benign or cancerous (malignant), but ovarian tumors are typically benign.

Surface epithelial tumors - these tumors begin in the cells lining the surface of the ovary. It is the most common type of ovarian tumor.

Stromal tumors - these benign and malignant tumors begin in the part of the ovary that manufactures female reproductive hormones. It is very rare and when cancerous is considered a low-grade cancer.

Germ cell tumors - these tumors begin in the cells that develop into eggs. The majority of germ cell tumors are benign, but sometimes can develop into cancer. These are most common in younger women and, if treated early, fertility can be preserved.

Symptoms

Ovarian tumors are generally asymptomatic, meaning a woman rarely has any noticeable symptoms. In some women, the tumor is so undetectable that it eventually grows large enough to cause pelvic or abdominal discomfort by encroaching on nearby or gans. In these cases symptoms may include:

Abdominal pain; Trouble urinating or frequent urination

Definition of the sexual intercourse

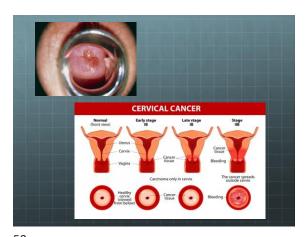
Bad cramps with a woman's periods
Feeling full quickly after eating, or no appetite

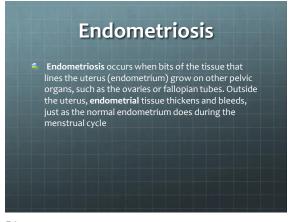
Nausea or vomiting.

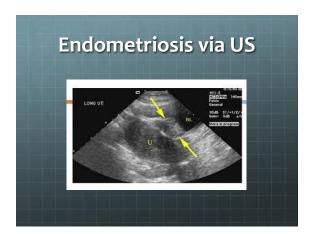
Since symptoms are rare, tumors are usually spotted during routine physical exams, including a pelvic exam or Pap test. As such, women should always have routine pelvic exams to help ensure that changes in the ovaries are diagnosed as early as possible.

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Uterine Prolapse Uterine Prolapse occurs when pelvic floor muscles and ligaments stretch and weaken and no longer provide enough support for the uterus. As a result, the uterus slips down into or protrudes out of the vagina. Uterine prolapse can occur in women of any age. But it often affects postmenopausal women who've had one or more vaginal deliveries Pregnancy; Difficult labor and delivery or trauma during childbirth; Delivery of a large baby; Being overweight or obese; Lower estrogen level after menopause; Chronic constipation or straining with bowel movements; Chronic cough or bronchitts; Repeated heavy lifting

Complications Anterior prolapse (cystocele). Weakness of connective tissue separating the bladder and vagina may cause the bladder to bulge into the vagina. Anterior prolapse is also called prolapsed bladder. Posterior vaginal prolapse (rectocele). Weakness of connective tissue separating the rectum and vagina may cause the rectum to bulge into the vagina. You might have difficulty having bowel movements.

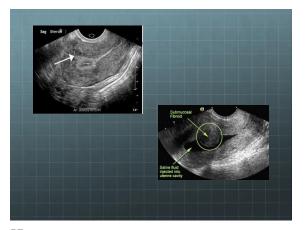
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Fibroids

Noncancerous growths of the uterus that often appear during childbearing years. Also called leiomyomas or myomas, uterine fibroids aren't associated with an increased risk of uterine cancer and almost never develop into cancer

55 56



Treatment
medication

Medications for uterine fibroids target hormones that regulate your menstrual cycle, treating symptoms such as heavy menstrual bleeding and pelvic pressure. They don't climinate fibroids, but may shrink them. Medications include:
Grandotropin-releasing hormone (crinful) agonists.
Grandotropin-releasing intrauterine device (IUD). A progestin-releasing IUD can relieve heavy bleeding caused by fibroids. A progestin-releasing IUD can relieve heavy bleeding caused by fibroids. A progestin-releasing IUD can relieve heavy bleeding caused by fibroids. A progestin-releasing IUD can relieve heavy bleeding caused by fibroids. A progestin-releasing IUD relations to releave heavy bleeding caused by fibroids. A progestin-releasing IUD relation to relieve heavy bleeding calculations to the complex of the relations of the relationship of t

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Treatment

Minimally invasive procedures:

Uterine artery embolization

Laparoscopic radiofrequency ablation

Laparoscopic or robotic myomectomy

Hysteroscopic myomectomy

Endometrial ablation

Traditional Surgical

Abdominal myomectomy

Hysterectomy

Gestational
Trophoblasitc Disease

Gestational trophoblastic disease (GTD) is a group of rare diseases in which abnormal trophoblast cells grow inside the uterus after conception.

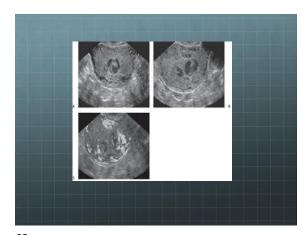
Hydatidiform mole (HM) is the most common type of GTD.

Gestational trophoblastic neoplasia (GTN) is a type of gestational trophoblastic disease (GTD) that is almost always malignant.

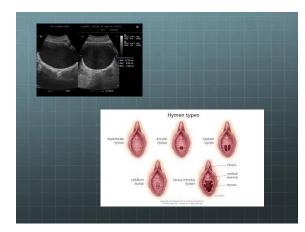
Invasive moles
Choriocarcinomas
Placental-site trophoblastic tumors
Epithelioid trophoblastic tumors

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Trauma
nonaccidental

Foreign Objects

Patterns of Injury

RAPE is a type of course usually involving and intercourse or other forms of account of the property of the propert

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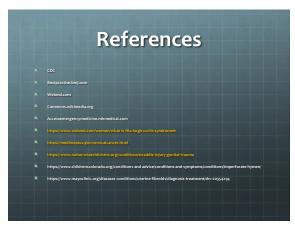
Rape Kit: also known as a sexual assault kit (SAK), a sexual assault forensic evidence (SAFE) kit, a sexual assault evidence collection (SOE) kit, or a physical evidence recovery kit (PRAF), as package of tensus used by metal personnel for evidence collection (SOE) kit, or a physical evidence recovery kit (PRAF), as package of tensus used by metal personnel for evidence with the collected from the victim can aid the criminal angular evidence and puridiction. A SANE, advocate, or indicate the collected from the victim can aid the criminal angular evidence by state and puridiction. A SANE, advocate, or indicate the collected proper collected from the victim can aid the criminal angular evidence in the latest and puridiction. A SANE, advocate, or indicate the collection of the c

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When you call 800.656.HOPE (4673), you'll be routed to a local RAINN affiliate organization based on the first six digits of your phone number. Cell phone callers have the option to enter the ZIP code of their current location to more accurately locate the nearest sexual assault service provider.

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References continued

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* Side Share

* CDC

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* Radiology/key.com

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