

## 41a Pathology: Reproductive System

# 41a Pathology: Reproductive System

## Class Outline

5 minutes

Attendance, Breath of Arrival, and Reminders

10 minutes

Lecture:

25 minutes

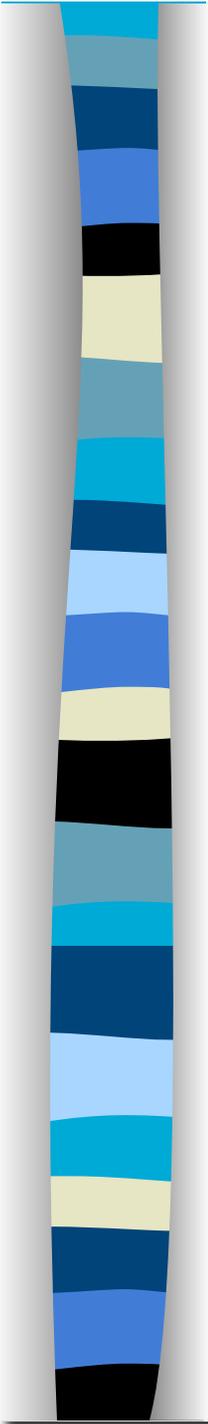
Lecture:

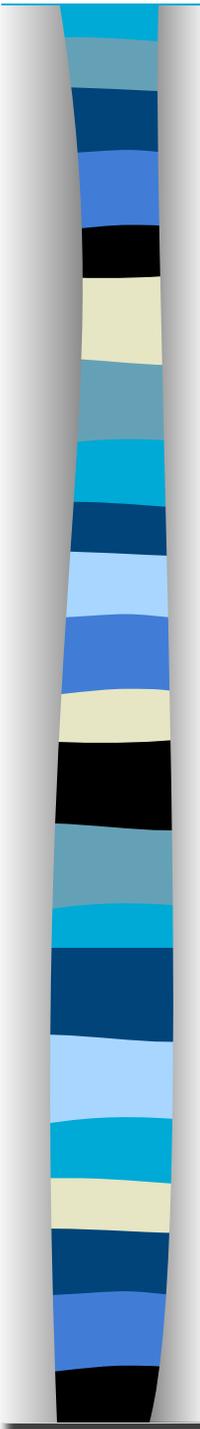
15 minutes

Active study skills:

60 minutes

Total





# 41a Pathology: Reproductive System

## Class Reminders

### Assignments:

- 41a Review Questions (Packet A: 165-178) **DUE NOW!!!**
- 43a Swedish: Outside Massages (Packet A: 57-62)

### Quizzes:

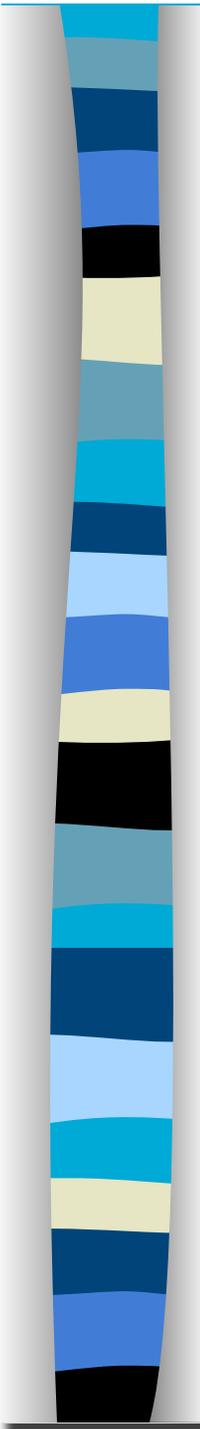
- 42a Written Exam Prep Quiz (35a, 36a, 37a, 38a, 39a, 40a, and 41a)
- 42b Kinesiology Quiz
  - (adductor magnus, gracilis, iliopsoas, sartorius, TFL, piriformis, quadratus femoris)
- 44a Written Exam Prep Quiz (33b, 37b, 41b, 42b, and 43a)

### Practical Exam:

- 44b Integration Massage: Practical Exam (60-minute Swedish, Passive Stretches, and BMTs)
  - **Bring your grading sheet for evaluation A: 83**

### Preparation for upcoming classes:

- 42a Written Exam Prep
- 42b Kinesiology: AOIs - Coxal and Tibiofemoral Joint Muscles



# Classroom Rules

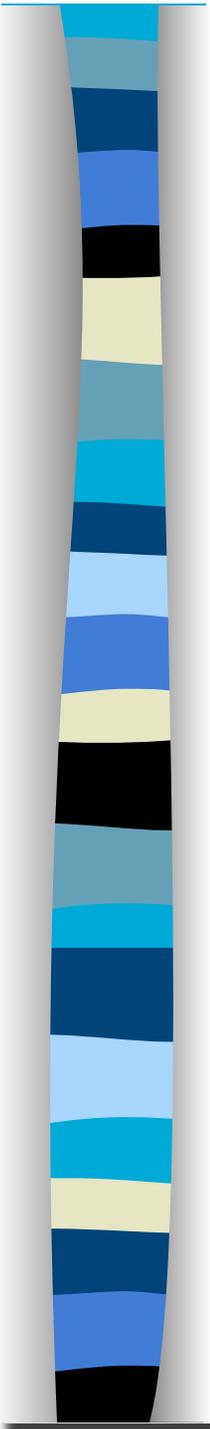
**Punctuality** - everybody's time is precious

- Be ready to learn at the start of class; we'll have you out of here on time
- Tardiness: arriving late, returning late after breaks, leaving during class, leaving early

**The following are not allowed:**

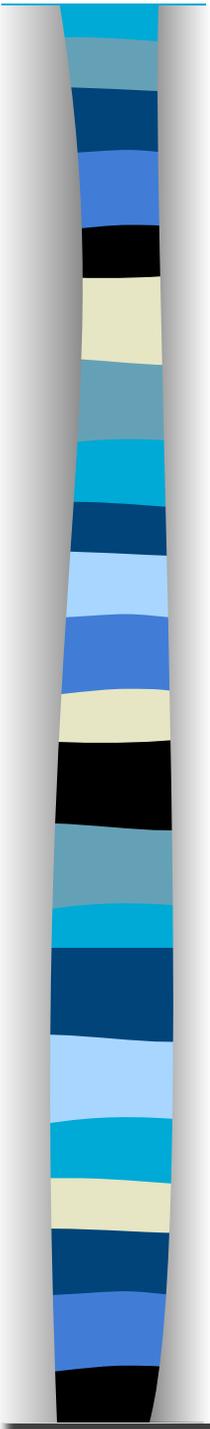
- Bare feet
- Side talking
- Lying down
- Inappropriate clothing
- Food or drink except water
- Phones that are visible in the classroom, bathrooms, or internship

*You will receive one verbal warning, then you'll have to leave the room.*



## 41a Pathology: Reproductive System

E - 87



## Disorders of the Uterus

Cervical cancer

Dysmenorrhea

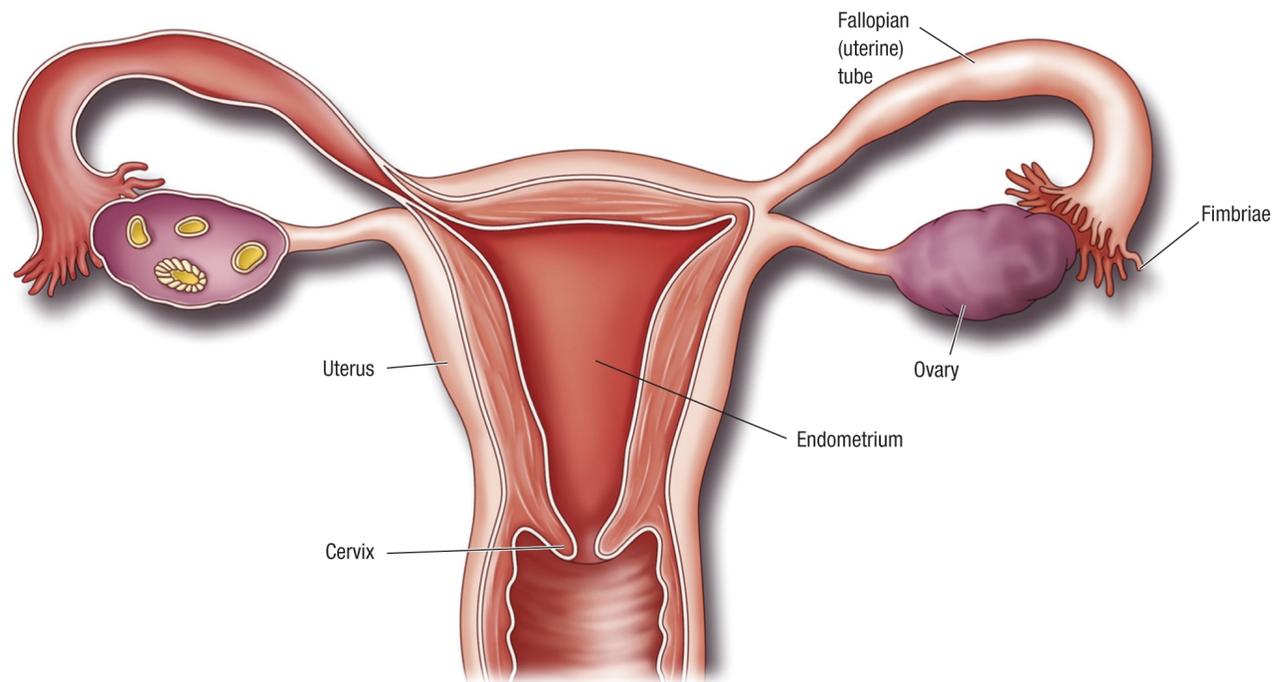
Endometriosis

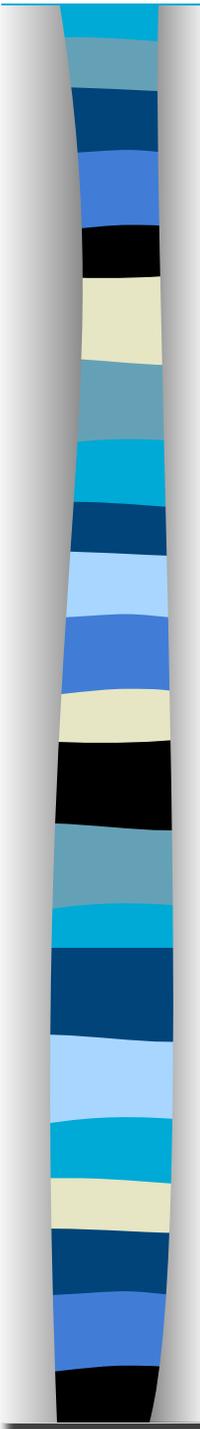
Fibroid tumors

Uterine cancer

## Disorders of the Uterus

**Cervical cancer** Growth of malignant cells in the lining of the cervix, caused by infection with some variety of the human papilloma virus.





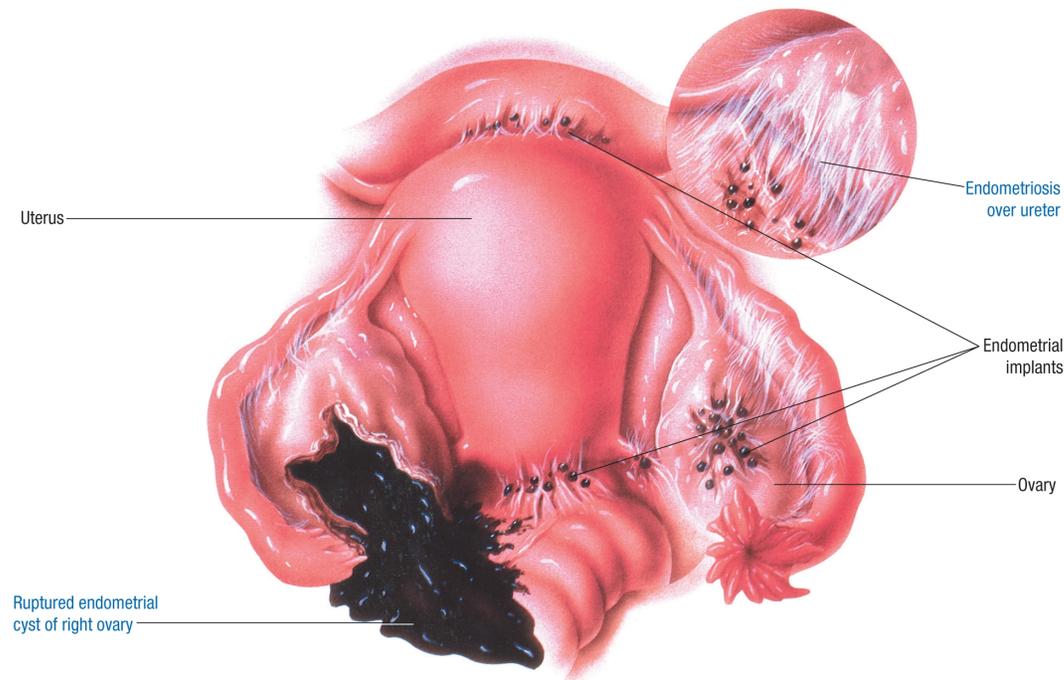
## Disorders of the Uterus

**Dysmenorrhea** Menstrual pain that is severe enough to limit the activities of women of child-bearing age. May include headaches, nausea, vomiting, diarrhea, constipation, and frequent need to urinate.



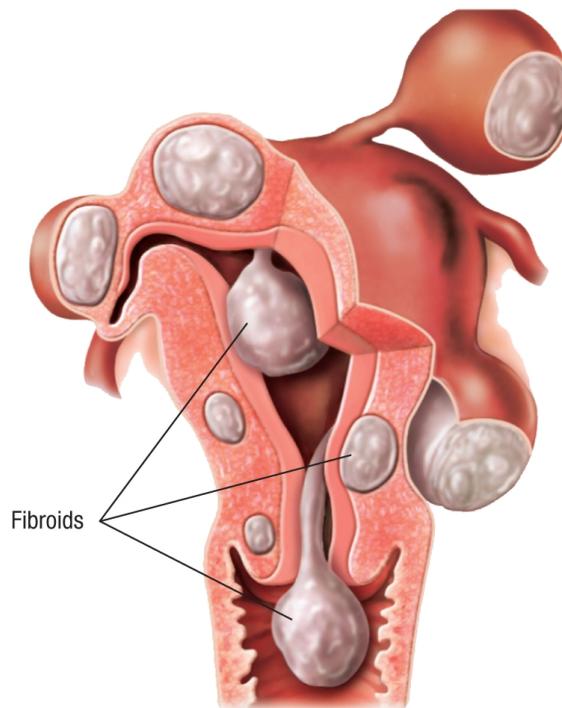
## Disorders of the Uterus

**Endometriosis** Implantation and growth of endometrial cells in the peritoneal cavity. These cells grow and then decay with the menstrual cycle. Symptoms may include heavy, painful, menstruation, and other problems.



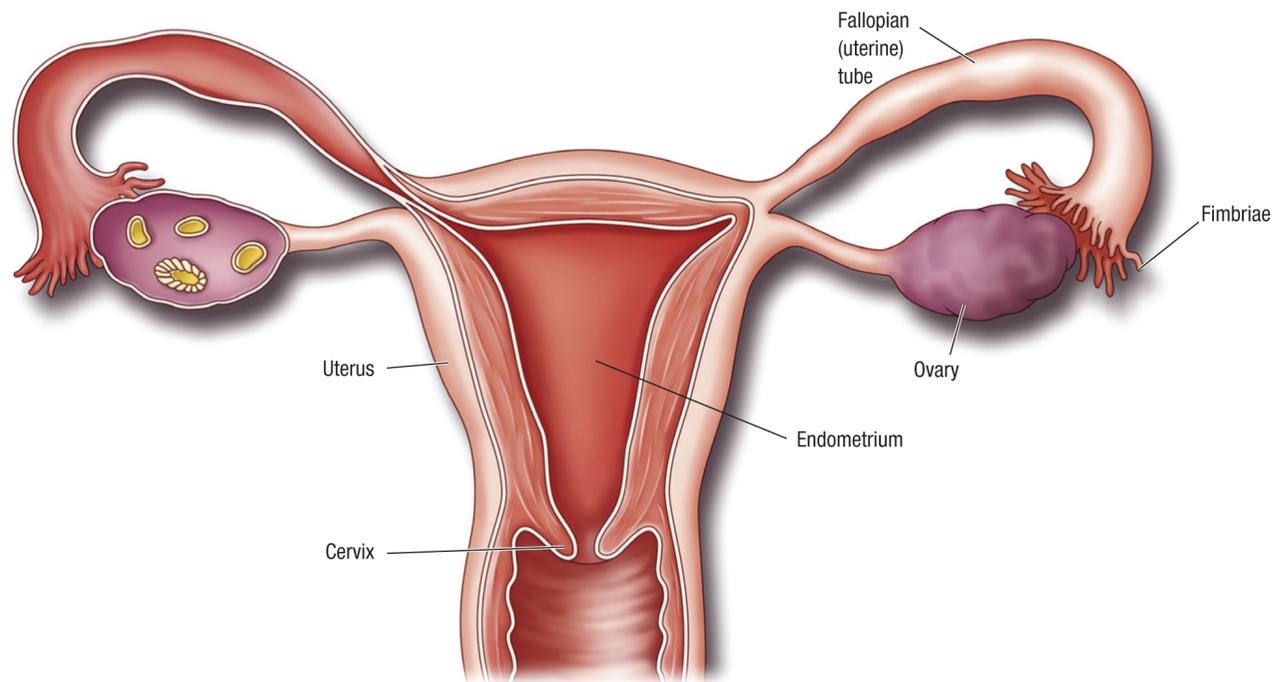
## Disorders of the Uterus

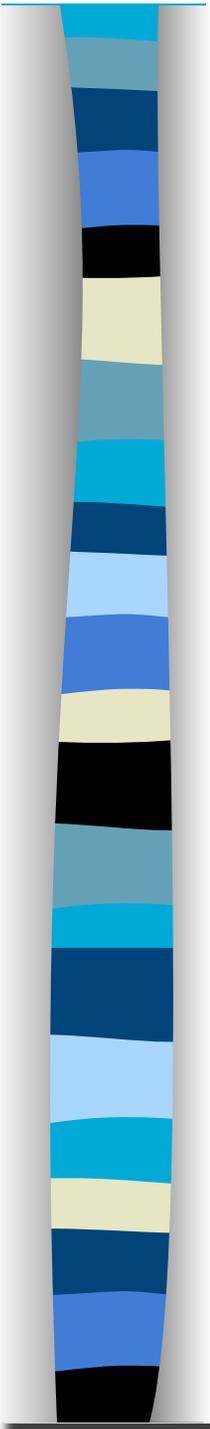
**Fibroid tumors** Benign growths in the muscles or connective tissue of the uterus. Often asymptomatic, but may cause heavy menstrual bleeding or put mechanical pressure on other structures in the pelvis.



## Disorders of the Uterus

**Uterine cancer** Cancerous cells in the endometrium or other tissues of the uterus.





## Disorders of Other Female Reproductive Structures

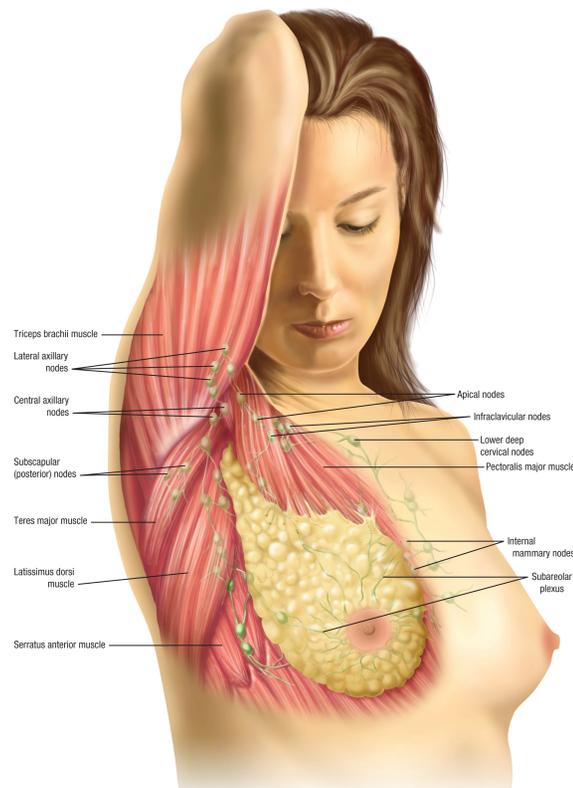
Breast cancer

Ovarian cancer

Ovarian cysts

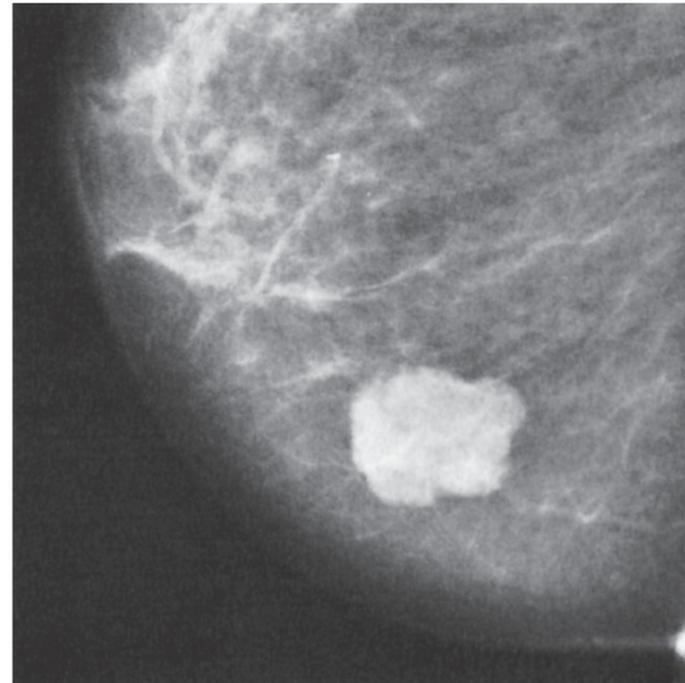
# Disorders of Other Female Reproductive Structures

**Breast cancer** Malignant tumor cells in breast tissue. Small, pain-less lump or thickening in the breast tissue or near the axilla.



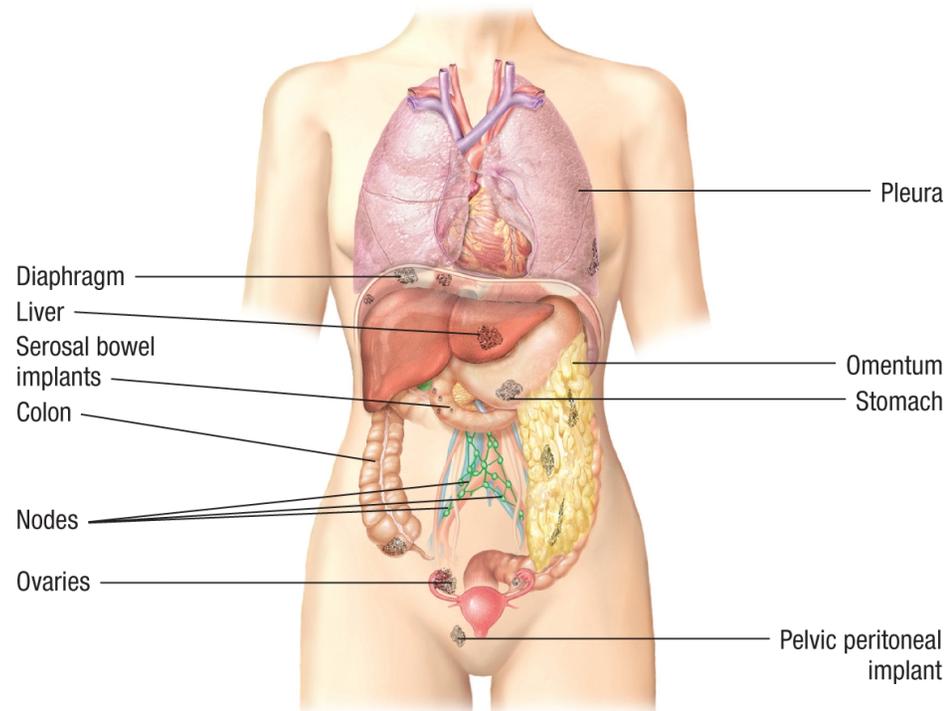
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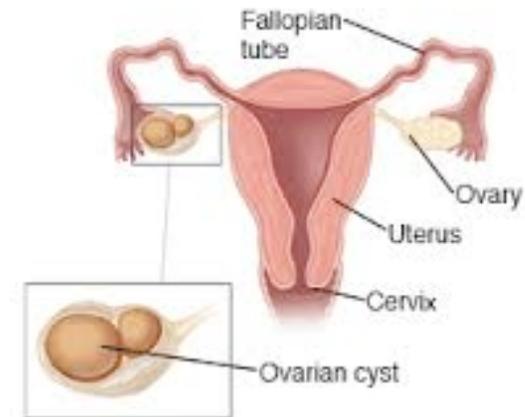
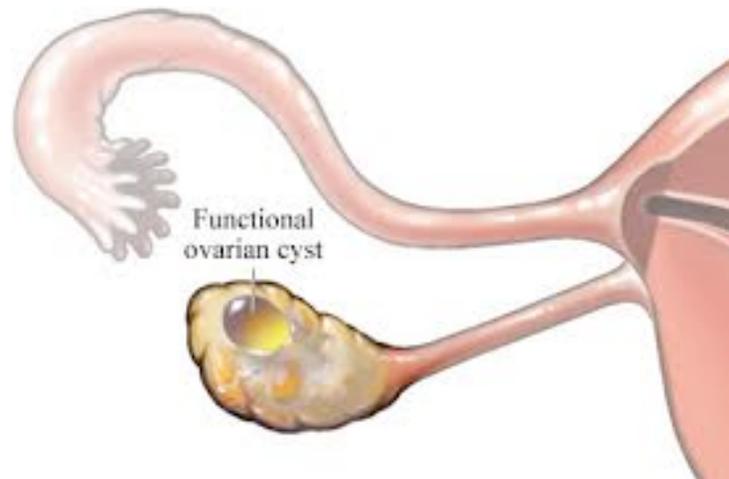
## Disorders of Other Female Reproductive Structures

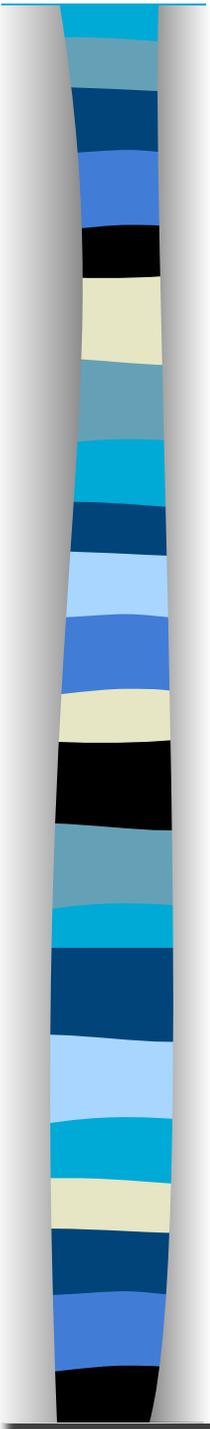
**Ovarian cancer** Malignant tumors on the ovaries. Early symptoms are practically silent, and/or similar to those of perimenopause, thus often ignored.



## Disorders of Other Female Reproductive Structures

**Ovarian cysts** Fluid-filled growths on the ovaries, mostly benign. These may be asymptomatic, or cause pelvic pain or symptoms similar to early pregnancy.





## Disorders of the Male Reproductive System

Benign prostatic hyperplasia

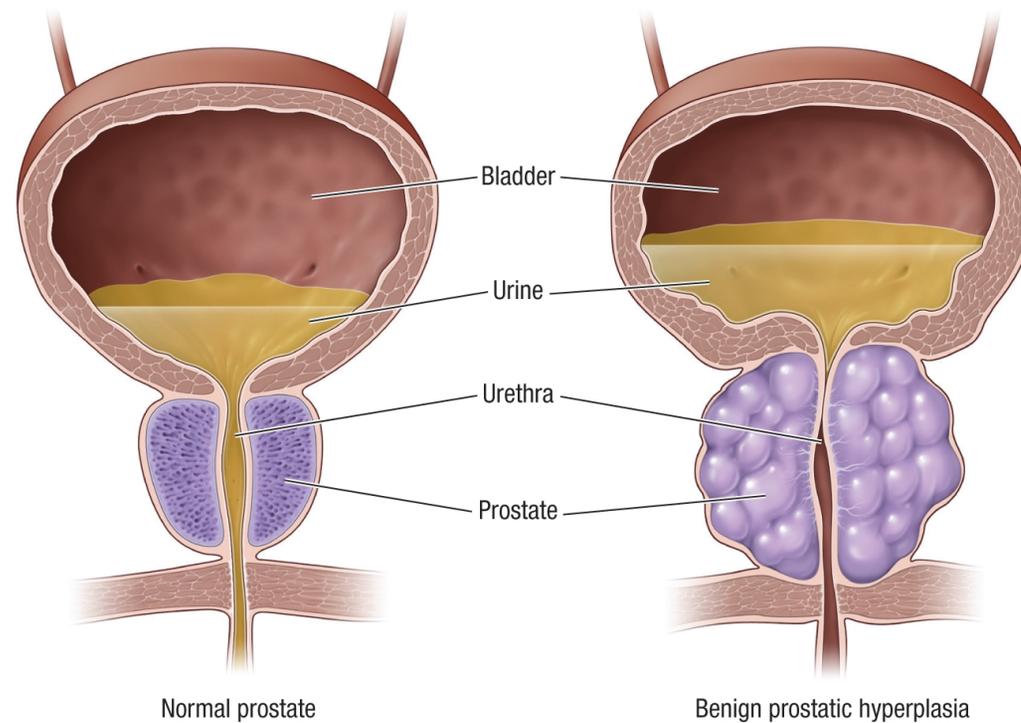
Prostate cancer

Prostatitis

Testicular cancer

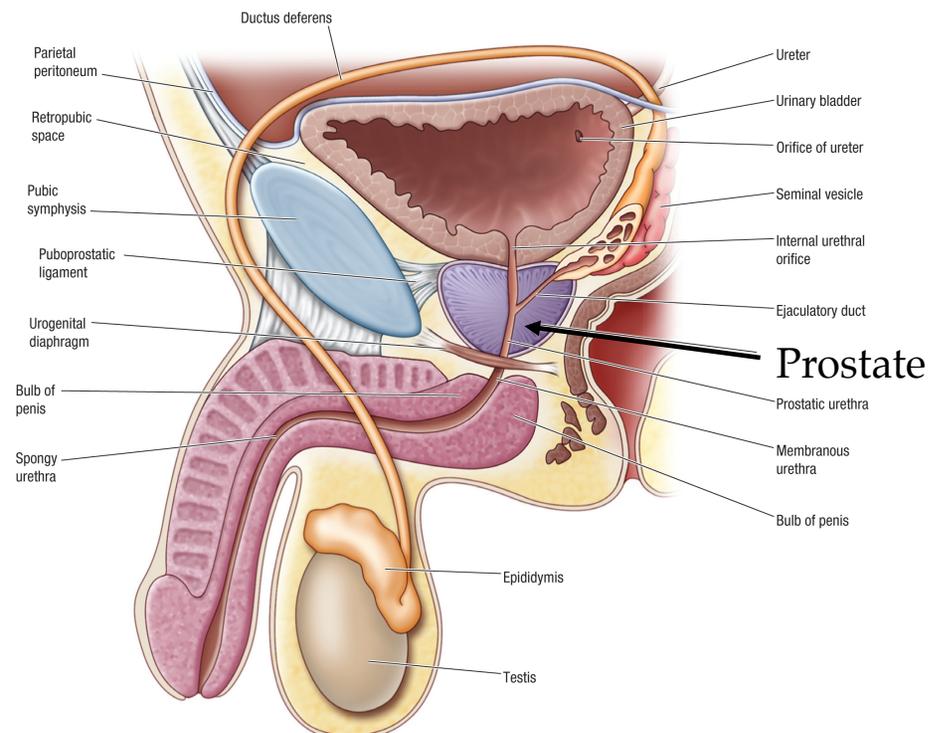
## Disorders of the Male Reproductive System

**Benign prostatic hyperplasia (AKA: BPH)** Prostate gland of a mature man begins to grow for the first time since the end of puberty, becoming enlarged. May be asymptomatic or involve problems with urination.



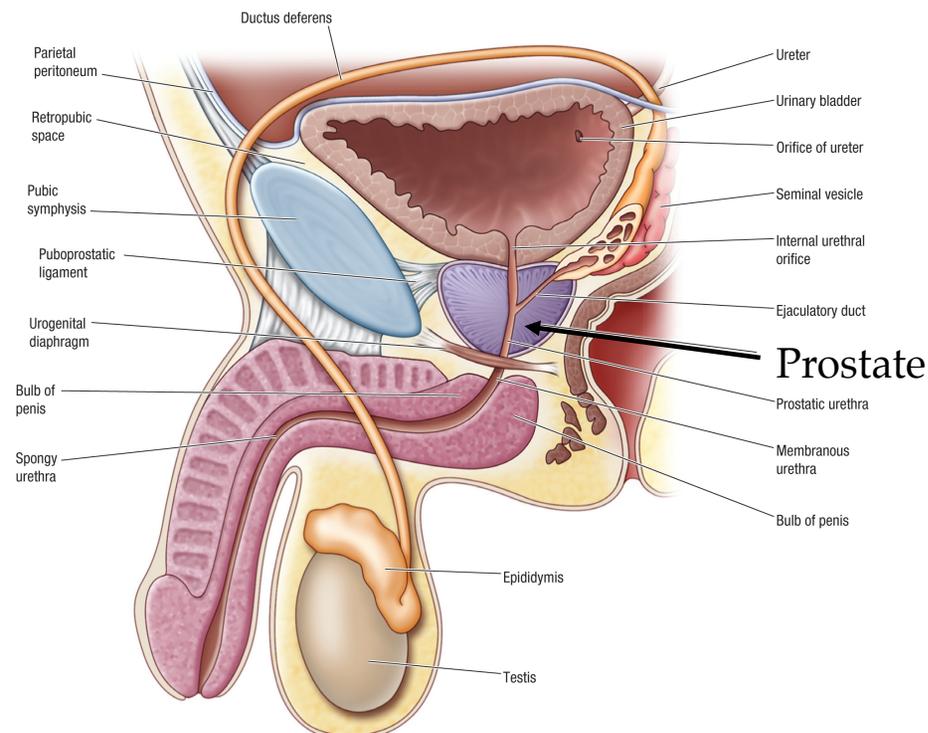
# Disorders of the Male Reproductive System

**Prostate cancer** Growth of malignant cells in the prostate gland. Symptoms are similar to those of BPH.



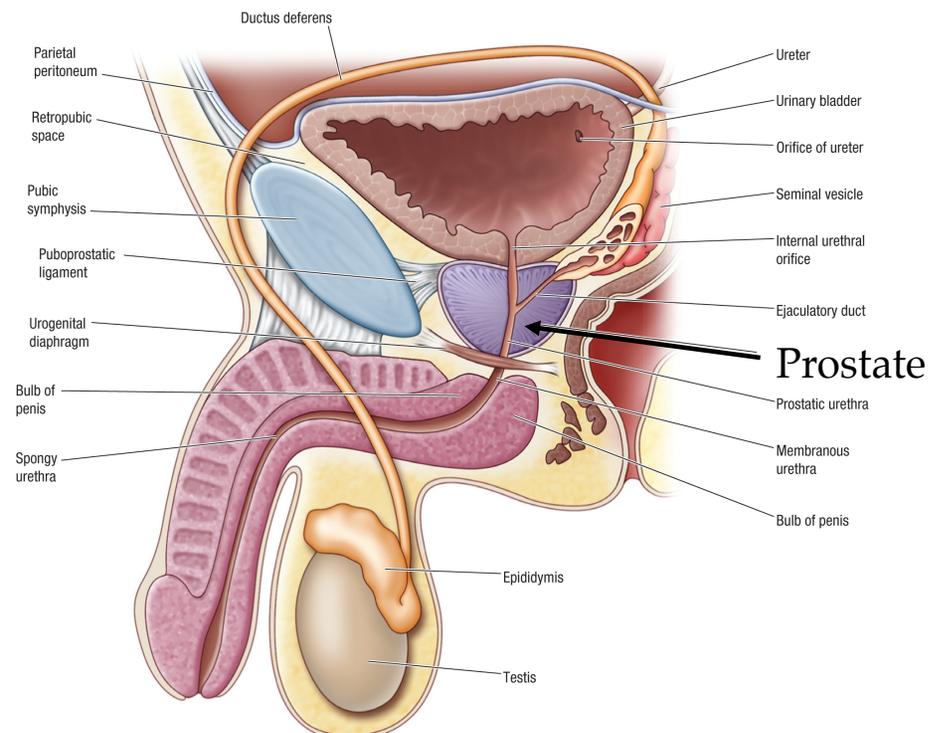
# Disorders of the Male Reproductive System

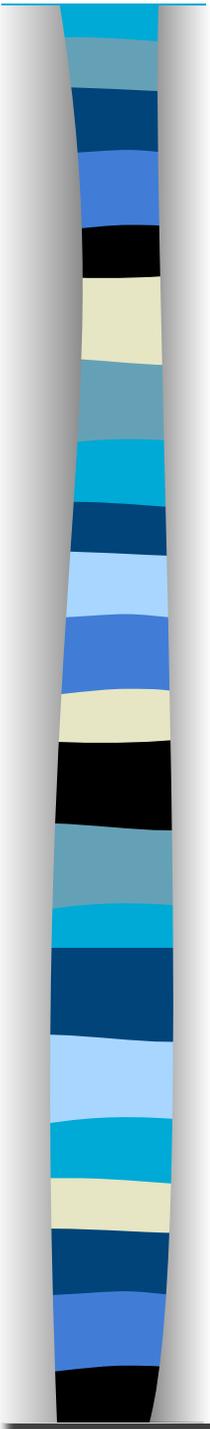
**Prostatitis** Inflammation or irritation of the prostate gland either from pathogenic or non-pathogenic causes. Symptoms may include fever, problems with urination, pain in the penis, testicles, perineum, and low back.



# Disorders of the Male Reproductive System

**Testicular cancer** Growth of malignant cells in the testicles. Early signs include a painless lump in the scrotum, a dull ache in the lower abdomen or groin, or enlarged and tender breasts.





## Other Reproductive System Conditions

Menopause

Pregnancy

Premenstrual syndrome

Sexually transmitted infections

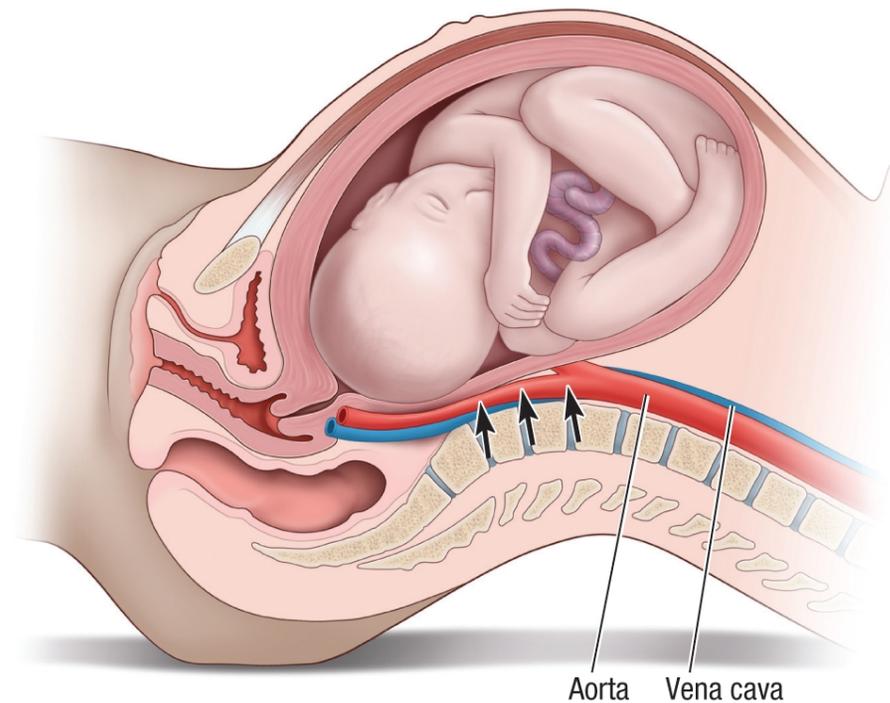
## Other Reproductive System Conditions

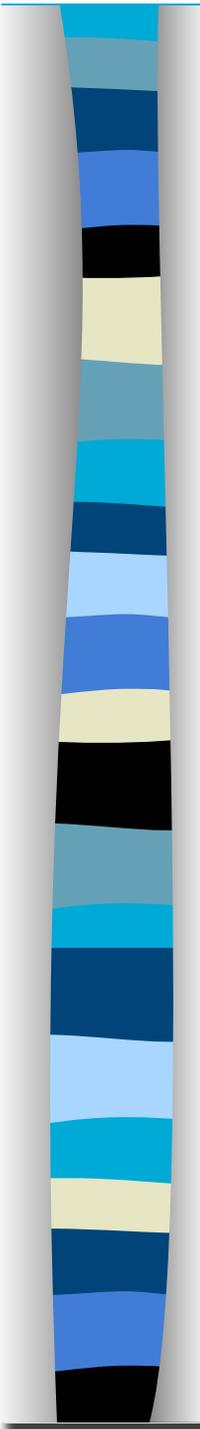
**Menopause** The moment when ovaries no longer respond to chemical signals to establish a reproductive cycle. Symptoms include night sweats, hot flashes, insomnia, and mood swings.



## Other Reproductive System Conditions

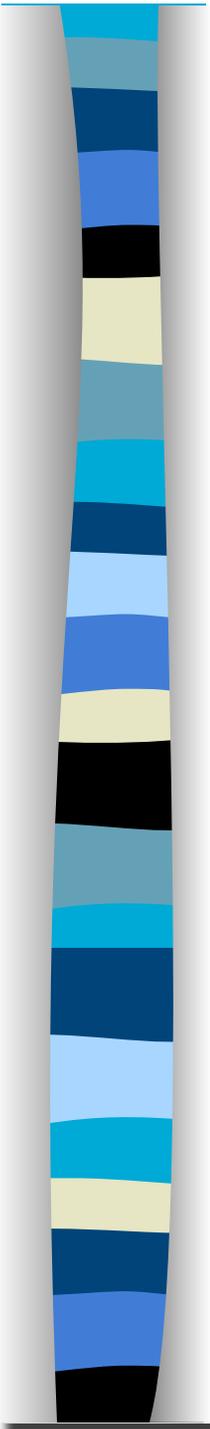
**Pregnancy** The state of carrying a fetus. Implications for massage include possible loose ligaments, fatigue, shifting proprioception, and depression.





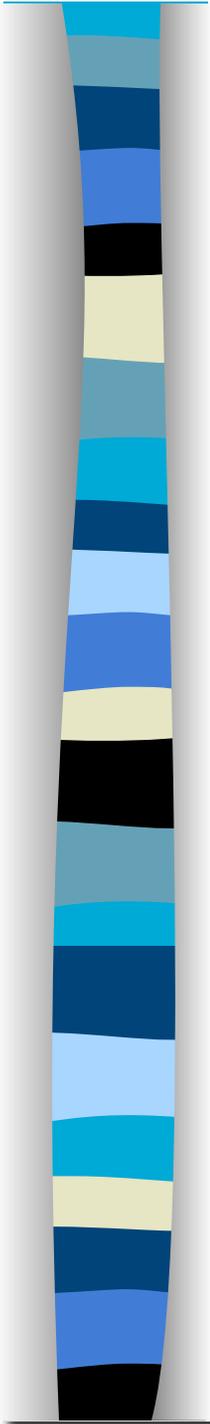
## Other Reproductive System Conditions

**Premenstrual syndrome** Collection of many signs and symptoms that occur in the time between ovulation and menstruation. Symptoms may include breast tenderness, bloating, digestive upset, irritability, anxiety, depression, and mood swings.



## Other Reproductive System Conditions

**Sexually transmitted infections** Contagious conditions that are spread through intimate contact. Symptoms may include penile or vaginal discharge, painful urination, and painful intercourse.



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