

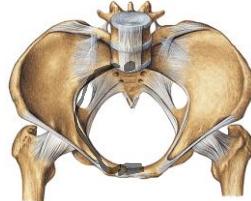
## REGIONAL ANATOMY OF THE PELVIS

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### Pelvis – inner border

Border between pelvis major et minor = aditus pelvis



**Superior:**

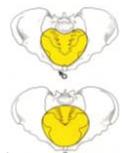
promontorium  
linea terminalis  
superior margin of  
symphysis

**Lateral:**

pelvic wall  
(m. obturatorius int. + fascia  
m. piriformis)

**Inferior:**

diaphragma pelvis  
diaphragma urogenitale



### Diaphragma pelvis et diaphragma urogenitale



**Diaphragma pelvis:**  
funnel shape  
wider around pelvis  
narrow around anus  
ventral opening – hiatus urogenitalis

**Diaphragma urogenitale:**  
triangular (symphysis, tubera ischiadica)  
encloses hiatus urogenitalis (superiorly)

### Diaphragma pelvis



**musculus levator ani**

musculus pubococcyeus (m. levator prostatae)  
origo: os pubis near symphysis

encircle hiatus urogenitalis

**musculus iliococcyeus**

origo: arcus tendineus m. levatoris ani

(fascia obturatoria)

**insertio:** anus

lig. anococcyeum

os coccygis

os sacrum

**musculus coccygeus (lig. sacrospinale)**

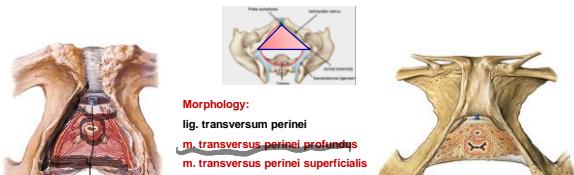
origo: spina ischiadica

insertio: os coccygis, os sacrum

**Innervation:** plexus sacralis



### Diaphragma urogenitale



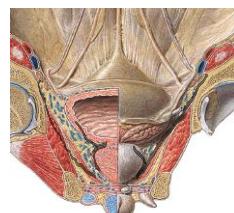
**Morphology:**

lig. transversum perinei  
m. transversus perinei profundus  
m. transversus perinei superficialis  
m. sphincter urethrae  
centrum perineale

(male: urethra – rectum; female: vagina – rectum)

**innervation and blood supply:** n. pudendum a vasa pudenda interna  
**fascia diaphragmatis urogenitalis sup. et inf.**

### Fascia pelvis



**Fascia pelvis-parietale**

covers the pelvic cavity  
its part - fascia diaphragmatis pelvis et urogenitalis  
sup.

**Fascia pelvis-visceralis**

goes to pelvic organs

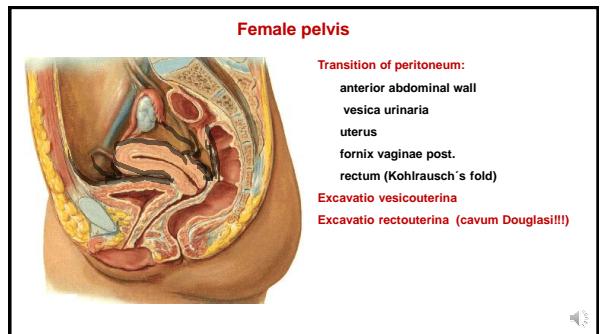
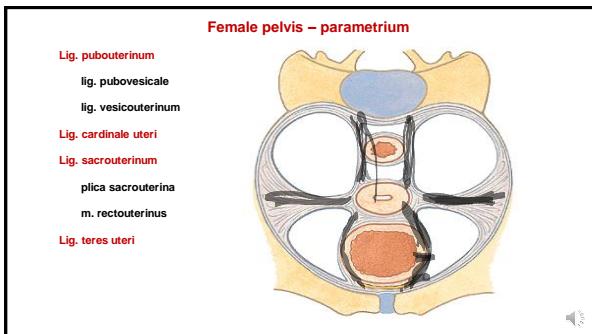
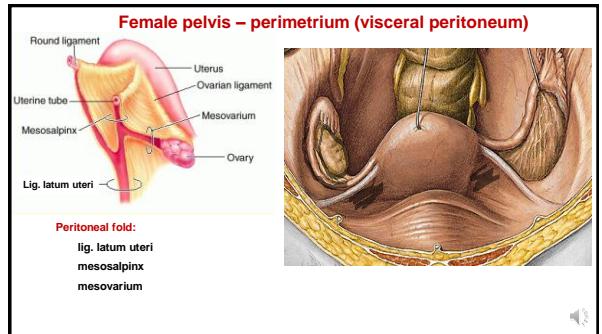
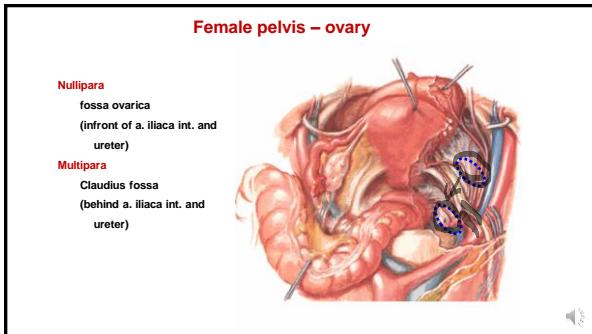
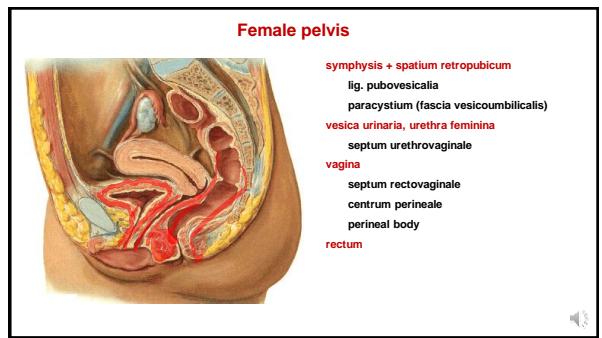
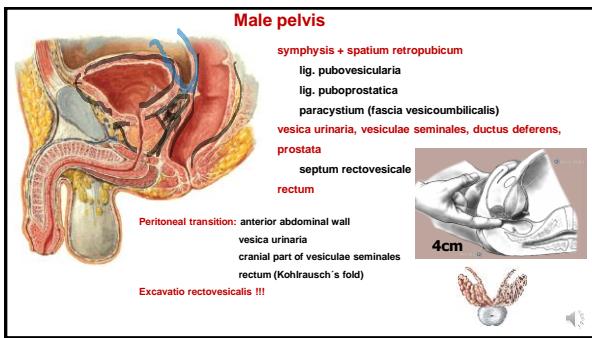
**Arcus tendineus fasciae pelvis**

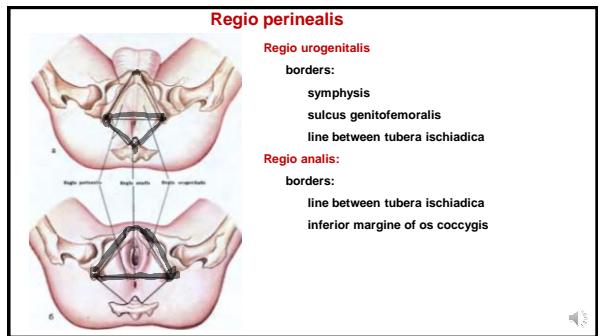
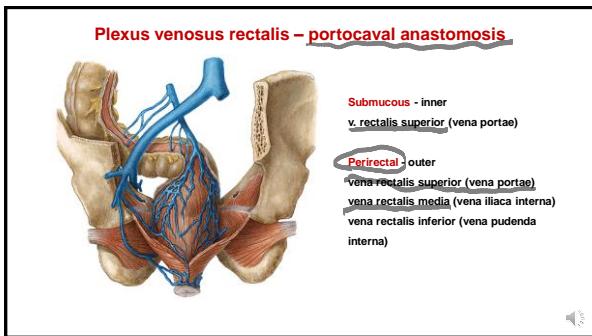
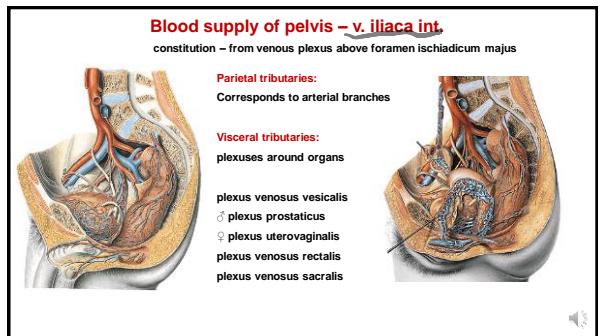
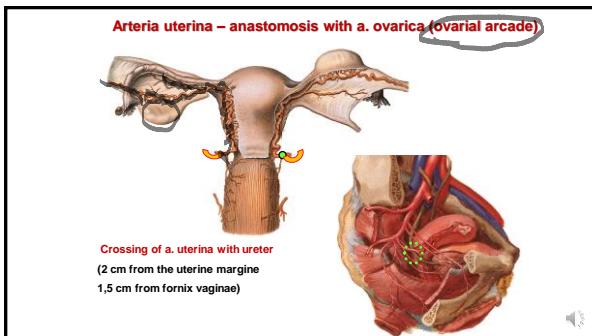
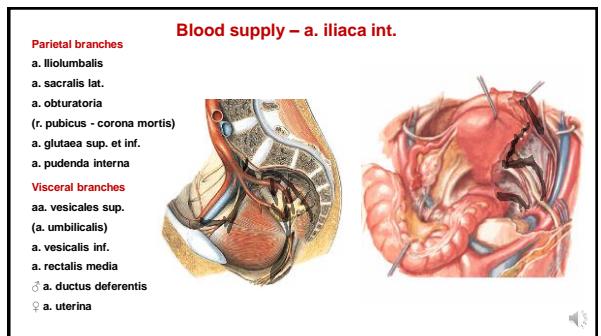
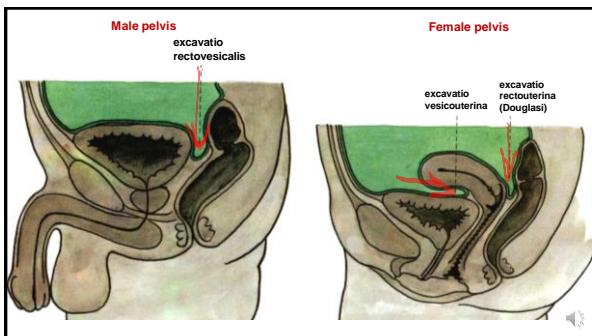
transition of parietal and visceral fascia

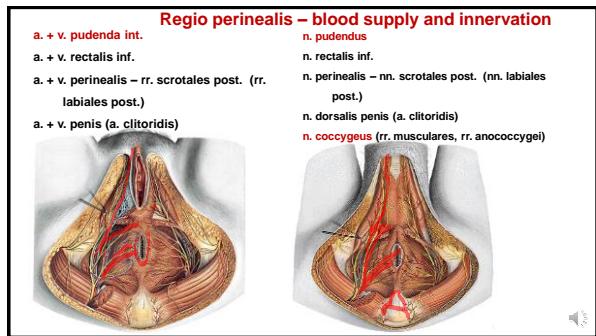
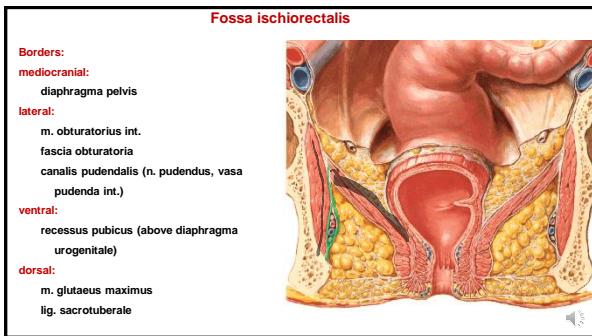
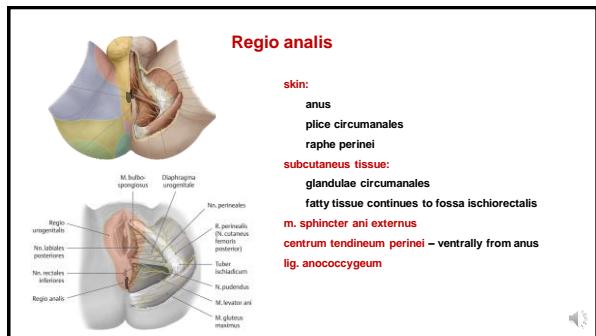
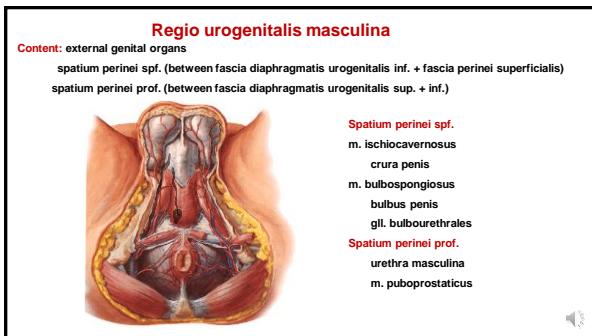
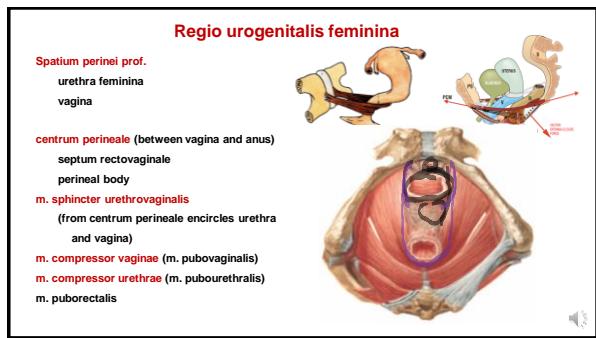
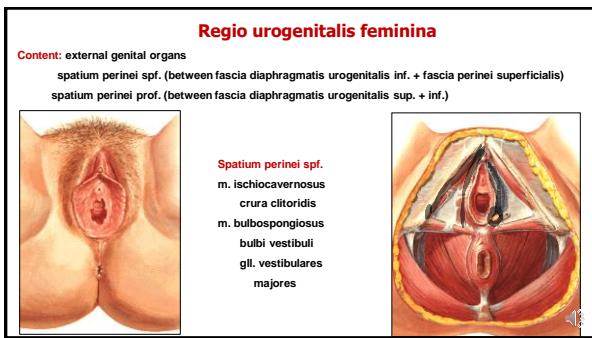
**Peritoneum**

cavum pelvis peritoneale

cavum pelvis subperitoneale







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