GOOD MORNING
Perineum

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Bony pelvis
Pelvic outlet
Superficial boundaries of perineum in female

- Clitoris
- Labia majora (outer lips)
- Urethra
- Labia minor (inner lips)
- Vagina
- Perineum
- Anus
Deep boundaries of perineum
DIVISION OF PERINEUM

- Urogenital triangle
- Anal triangle
DIVISIONS OF PERINEUM
Perineum schematic (coronal section)
a) Sagittal section showing the components of the system in relation to other structures.

Figure 16.4a
Division of perineum into two triangle (schematic)

Sagital section
FURTHER DIVISION OF UROGENITAL TRIANGLE

Sagital section
Superior fascia of urogenital diaphragm

Deep perineal space

Inferior fascia of urogenital diaphragm

Superficial perineal space

Superficial fascia of perineum
Three fasciae of urogenital triangle

- Colles fascia
- Perineal membrane
- Superior fascia of urogenital diaphragm
Tracing of Colles’ fascia

lower part of anterior abdominal wall

SUPERFICIAL FASCIA

FATTY LAYER
(Fascia Camper)
MEMBRANOUS LAYER (Fascia Scarpa)
Attachment of colles fascia

- clitoris
- glans
- Colles' fascia
- perineal body
Perineal membrane

Colles fascia

Perineal membrane
Perineal membrane, attachments, features
Superior fascia of urogenital diaphragm
Superior fascia of urogenital diaphragm
Three fasciae in coronal section
Superficial perineal pouch and deep perineal pouch

Superficial pouch

Deep perineal pouch
Superficial Perineal Pouch

- It is the space between the deep membranous layer of superficial fascia and the perineal membrane.

- **BOUNDARIES:**
  - *Inferiorly:* membranous layer of superficial fascia.
  - *Superiorly:* perineal membrane.
  - *Laterally:* ischiopubic rami
Boundaries
CONTENTS OF SUPERFICIAL POUCH IN THE FEMALE

Superficial Perineal Space

- Bulb of vestibule
- Clitoris: Glans
- Greater vestibular gland
- Crus
Muscles in the superficial pouch in the female include:

- 3 muscles
- Ischio-cavernosus
- Bulbo-spongiosis
- Transverse perinei superficialis
Muscles and perineal body
Vessels and nerves in the superficial pouch

- Two posterior labial vessels and nerve
- Transverse perineal vessels
- Perineal branch of posterior femoral cutaneous nerve
Other structures passing through superficial perineal pouch
Deep Perineal Pouch

- It is a completely closed space deep to the perineal membrane
- **BOUNDARIES:**
  - **Inferiorly:** Inferior fascia of the urogenital diaphragm (Perineal membrane)
  - **Superiorly:** Superior fascia of the urogenital diaphragm
  - **Laterally:** Inferior portion of obturator internus facia
Boundaries of deep perineal pouch
Contents
Urogenital diaphragm
Vessels in the deep pouch

- Dorsal a and v of clitoris
- Deep a and vein of clitoris
- Artery to the bulb of vestibule
Nerve in the deep pouch

- Dorsal nerve of clitoris
PERINEAL BODY

- Bulbospongiosus
- Levator ani
- External anal sphincter
- Superficial transverse perinei
- Sphincter urethra
- Deep transverse perinei
Extravasations of urine in the superficial pouch will extend into the lower part of anterior abdominal wall.
Applied, perineal body ..

- Damage to perineal body leads to prolapse of uterus in the female
END OF PRESENTATION
Perineal Body

- Perineal body is an irregular mass of variable size and consistency, located at midpoint of the line between the ischial tuberosities.
- Lies in the subcutaneous tissue, posterior to vestibule and anterior to the anal canal & anus.
- Forms the central point of the perineum & blends anteriorly with the perineal membrane.

**Function:**

- Gives attachment to perineal muscles.
- Plays an important role in visceral support especially in female.