Objectives:
- Identify the location of the pelvic viscera to their peritoneal coverings
- Recognize the significance of the orientation of the uterus and its variations
- Describe the importance of the ligaments that support the uterus during pregnancy, childbirth and aging
- Apply the topographical anatomy of vessels and nerves in the pelvis and perineum to clinical situations
- Recognize the anatomy of the perineum as it relates to childbirth

Videos:
- Acland Atlas (Videos)

3D Models:
- Android Pelvis (3D)
- Hip Joint (3D)
- Female Pelvis Reconstructions
- Female Pelvis (3D)
- Female Pelvis Sagittal (3D)
- Female Pelvic Viscera (3D)
- Female Perineum (3D)

Modules:
- Hip Anatomy (Module)

Pelvic Bones
- Coccyx
- Sacrum
- Hip (pelvic) bone
  - Acetabulum
  - Ischiopubic (pubic) arch
  - Obturator foramen
  - Ilium
    - Anterior superior iliac spine
    - Crest
    - Iliac fossa
- Ischium
  - Spine
  - Tuberosity
- Pubis
  - Tubercle
  - Crest
  - Pubic symphysis

Anterior view of android pelvis
**Ligaments**
- Sacrospinous
- Sacrotuberous

**Muscles**
- Levator ani

**Be able to define:**
- Greater sciatic foramen
- Lesser sciatic foramen

**Peritoneum**
- Rectouterine pouch
- Broad ligament
  - Mesosalpinx
  - Mesovarium
  - Mesometrium
- Ovarian ligament
- Suspensory ligament of ovary
- Round ligament of uterus

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**Anterior view of female reproductive organs**

**Broad Ligament**
(Henry Gray, Anatomy of the Human Body, 1918)

**Lateral view of pelvis**
**Viscera**
- Rectum
- Urinary bladder
- Urethra
- Ureter
- Uterus
  - Fundus
  - Body
  - Cervix
- Ovaries

*Sagittal section of female pelvis*

*Sagittal Section of Female Pelvis*
B. Kathleen Alsup & Glenn M. Fox, University of Michigan Medical School, BlueLink
**Arteries**
- Internal iliac
  - Uterine

**Nerves**
- Pudendal

*Antero-inferior View of Female Perineum*
(B. Kathleen Alsup & Glenn M. Fox, University of Michigan Medical School, BlueLink)

*Remember:*
"BRIDGE OVER WATER"
The uterine artery crosses over the ureter

*Sagittal Section of Female Pelvis*
(B. Kathleen Alsup & Glenn M. Fox, University of Michigan Medical School, BlueLink)
Female Pelvis and Perineum Lab 5
February 9, 2022 - Dr. Krebs (claudia.krebs@ubc.ca)

Perineum

- Anal triangle
- Urogenital triangle

Female Perineum - Inferior View
(B. Kathleen Alsup & Glenn M. Fox, University of Michigan Medical School, BlueLink)

Anal Triangle

- Levator ani
- External anal sphincter
- Pudendal nerve
- Internal pudendal artery & vein

Urogenital Triangle

- Perineal membrane (describe position of deep perineal pouch)
- Superficial perineal pouch:
  - Corpus cavernosum
  - Clitoris
  - Ischiocavernosus muscle
  - Bulb of the vestibule
  - Bulbospongiosus muscle
  - Superficial transverse perineal muscle
  - Pudendal nerve
- Vagina
- Urethra

Design & Artwork: The HIVE (hive.med.ubc.ca)
Inferior view of female perineum
Antero-inferior view of female perineum
(B. Kathleen Alsup & Glenn M. Fox, University of Michigan Medical School, BlueLink)
RESOURCES

**Websites:**
Clinical Anatomy  |  Entrada  |  Acland’s Video Atlas  |  Labnatomy

**Recommended Textbooks:**

Gray’s Anatomy for Students
By: Drake, Vogl, Mitchell
Elsevier Inc. Churchill Livingstone

** OR **

Essential Clinical Anatomy
By: Moore and Agur
Lippincott Williams & Wilkins

**One of the Following Atlases:**

Gray’s Atlas of Anatomy
By: Drake, Vogl, Tibbits, Richardson, Mitchell
Elsevier
ISBN 978-1-4557-4802-0

Atlas of Anatomy
By: Gilroy, MacPherson, Ross
Thieme
ISBN 978-1-60406-062-1

Atlas of Human Anatomy
By: Frank Netter
Icon Learning Systems
ISBN 1-929007-11-6

Before We Are Born
By: Moore and Persaud
Saunders
IBSN 978-1-4160-3705-7

ACKNOWLEDGEMENTS

**Artwork & Design:**

The HIVE, UBC Faculty of Medicine

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Medical Illustration Lead: Paige Blumer
Academic Lead: Claudia Krebs

Prosector: Lien Vo