round ligament of the uterus
uterine tube
round ligament of the ovary
ovary

urinary bladder
uterson
rectum

suspensory ligament
rectouterine pouch
Male Pelvis

- Testicular vessels
- Vas deferens
- Seminal vesicle
- Ureter
- Urinary bladder
- Rectum
Split Female Pelvis

Identify anterior to posterior

- Urinary bladder
- Urethra
- Uterus (body, cervix)
- Vagina
- Uterine tube
- Ovary
- Rectum
Sagittal MRI - female

- Sacrum
- Rectouterine pouch
- Vesicouterine pouch
- Uterus
- Bladder
- Cervix
- Vagina
- Rectum

Image courtesy of Christopher Straus, MD.
Sagittal MRI – cervical cancer

Anterior extension into bladder

Posterior extension into rectum

Dilated cervical canal
Male Pelvis

- Urinary bladder
- Rectum
- Vas deferens
- Seminal vesicle
- Ejaculatory duct
- Prostate gland
- Urethra
Sagittal MRI - male

- Seminal vesicle
- Urinary Bladder
- Prostate
- Corpus cavernosum
- Corpus spongiosum
- Testis
- Rectum

Image courtesy of Christopher Straus, MD.
Axial CT – Female

- Sigmoid
- Rectum
- Sacrum
- Pubic symphysis
- Uterus
- Vagina
- Rectum

Image courtesy of Christopher Straus, MD.
Axial CT - female

Sigmoid colon

Rectum

Uterus

Image courtesy of Christopher Straus, MD.
Axial CT - female

- Sigmoid colon
- Round ligament
- Uterus
- Rectum

Image courtesy of Christopher Straus, MD.
Axial CT - female

Image courtesy of Christopher Straus, MD.
Axial CT - female

Image courtesy of Christopher Straus, MD.
Axial CT - male

- Spermatic cord
- Bladder
- Seminal vesicle
- Rectum

Image courtesy of Christopher Straus, MD.
Obturator artery and vein

Iliopsoas muscle

Axial CT - male

Image courtesy of Christopher Straus, MD.
Axial CT - male

- Spermatic cord
- Corpus cavernosum
- Crus of corpus cavernosum

Image courtesy of Christopher Straus, MD.
Axial CT - male

- Corpus spongiosum
- Bulb of penis
- Anal canal
- Corpus cavernosum
- Crus of corpus cavernosum

Image courtesy of Christopher Straus, MD.
Axial CT - male

Corpus spongiosum

Anal canal

Image courtesy of Christopher Straus, MD.
Axial MRI - male

- Pubic symphysis
- Prostate
- Rectum

Image courtesy of Christopher Straus, MD.
Axial MRI - male

Corpus spongiosum
Corpus cavernosum
Crus of corpus cavernosum

Image courtesy of Christopher Straus, MD.
Coronal MRI - female

Image courtesy of Christopher Straus, MD.
Coronal MRI - female

- Fallopian tube
- Ovary
- Bladder
- Urethra
- Uterus
- Vagina

Image courtesy of Christopher Straus, MD.
Coronal MRI - female

- Fallopian tube
- Ovary
- Bladder
- Uterus
- Vagina

Image courtesy of Christopher Straus, MD.
Coronal MRI - female

Ovary

Image courtesy of Christopher Straus, MD.
Coronal MRI - female

Sigmoid colon

Anal canal

Uterus

Vagina

Image courtesy of Christopher Straus, MD.
Hysterosalpingogram

- Body of uterus
- Horn of uterus
- Isthmus of Fallopian tube

Image courtesy of Christopher Straus, MD.
Coronal MRI - male

- Bladder
- Obturator Internus muscle
- Prostatic urethra
- Crus of corpus cavernosum
- Acetabulum
- Head of femur
- Prostate
- Bulb of penis

Image courtesy of Christopher Straus, MD.
Coronal MRI - male

- Corpus cavernosum
- Corpus spongiosum (with urethra)
- Septum of scrotum
- Spermatic cord
- Epididymis (head)
- Testis
- Epididymis (tail)

Image courtesy of Christopher Straus, MD.
Coronal MRI – prostate cancer

- Infiltrated cancer in right lobe of prostate
- Normal signal in left lobe of prostate
Internal Iliac Artery Branches

- Umbilical
- Superior vesical
- Obturator
- Uterine
- Middle rectal
- Superior gluteal
- Inferior gluteal
- Internal pudendal
Water Under the Bridge

The **ureter** flows under the **uterine artery**.
Pelvis - Radiograph

- Sacral foramen
- Sacro-iliac joint
- Ischial tuberosity

Image courtesy of Christopher Straus, MD.