Genito-Urinary Examination

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GU Organs

- Internal
  - Kidney
  - Ureter
  - Bladder
  - Prostate
  - Seminal vesicle
  - Vasal ampulla

- External
  - Penis
  - Testis
  - Epididymis
  - Vas deferens
  - Spermatic cord
Kidney

- Palpable only in children and lean adults

- Enlargement
  - Hydronephrosis
  - Tumor
  - Perinephric pathology

- Renal pain
  - Palpate in CVA
  - Pyelonephritis
  - Urethralisis
Ureter

- Impalpable except when massively dilated in children
- Traumatized by GSW and stabbing over a wide area of abdomen and back
- Best examined radiologically
Bladder

- Extraperitoneal organ in adults
- Palpable above pubis in midline
- Dull to percussion
- Compression elicits pain
- Distension
  - Urinary retention
  - Displacement
Prostate

- Palpable by DRE
- "Chestnut-sized, squash ball consistency"
- Enlargement in 30's
- Examination
  - Position
  - Landmarks
  - Prostate features
- Radiologic imaging
Seminal Vesicle

- Impalpable except in rare cases
- Lies postero-lateral to prostate
- Function
- Radiologic imaging
- Enlargement
  - Tumor
  - Ejaculatory duct obstruction
**Vasal Ampulla**

- Impalpable except in rare cases
- Lies posterior to prostate either side of midline

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**Penis**

- Anatomy
- Abnormalities
  - Meatus
  - Prepuce
  - Skin
  - Erectile chambers
Testis

1. Dimensions

2. Consistency

3. Enlargement
   - Testis versus entire hemiscrotum?
   - “Get above mass?”
   - Tenderness?
**Vas Deferens**

- Difficult to palpate except through practice
- Fibrous, mobile cord
- Presence vs absence

**Epididymis**

- Posterolateral to testis
- Anatomic parts
- Enlargement
  - Inflammation/infection
  - Tumor
  - Obstruction

**Spermatic Cord**

- Varicose veins (Varicoceles)
- Lipoma
- Hernia