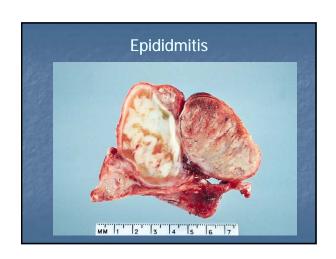


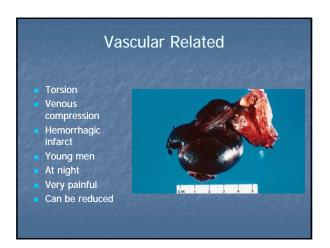
Pathology of the Male Reproductive System

Testis and Epididymis

Failure of Testis to Descend Testis are not always in scrotum at birth. Testes from in abdomen with kidneys Migrate to scrotum May get stuck in the inguinal canal Complications of not repairing Sterile Increased risk of testicular tumors later. Inguinal hernia

Inflammation Bug Ascending infection in most cases. GC Mumps TB Syphilis Autoimmune



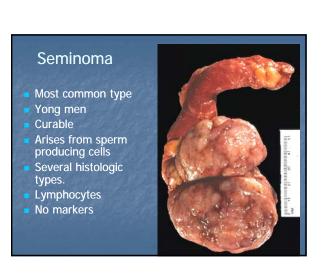


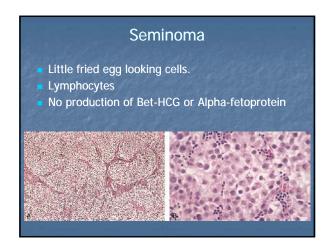


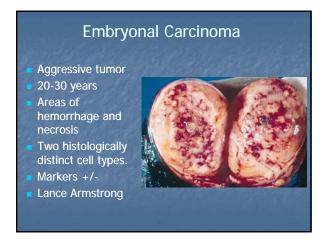
Scrotal Masses Testicular Tumors (solid) Epididymal Inflammatory (rubor, dolor, calor...) Peritesticular Hernia Hydrocele (cystic, transilluminates) Vascular in nature

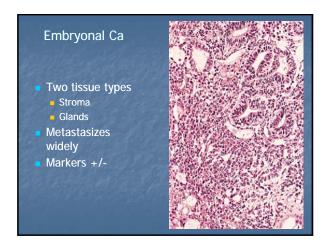
Testicular Tumors Most are malignant Excellent results with treatment. Must look for 'markers' before removal Germ line (actual reproductive cells) Seminoma Embryonal Choriocarcinoma Mixed pattern Non-germ line Specialized supportive cells Leydig, may be hormonally active

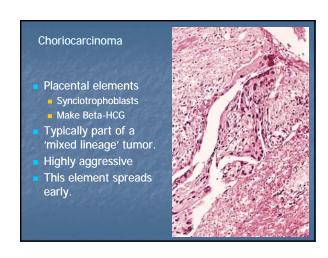
Tumor Markers Some tumors produce agents measurable in the blood. Embryonic tissue markers Beta-HCG Placental marker We measure this in pregnancy tests Alpha-feto protein Marker associated with embryonic gut

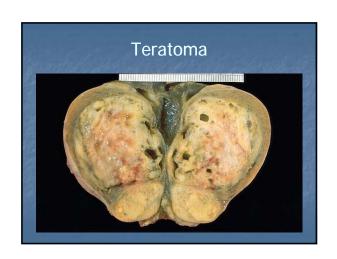


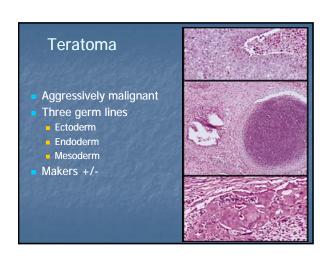




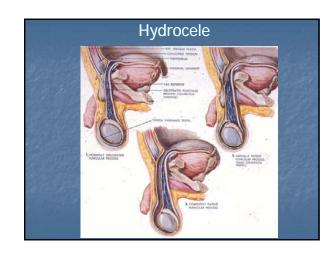


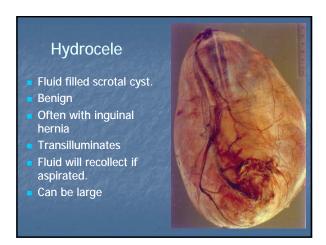




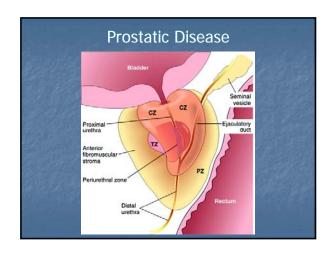


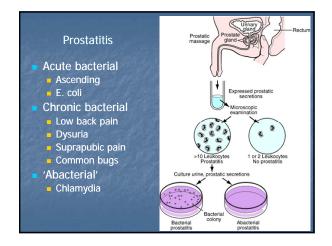
Leydig Cell Tumor One of several so-called 'specialized stromal tumors. Non-germ line Benign generally Hormonally active Androgens Estrogens Gynecomastia Sometimes even corticosteroids

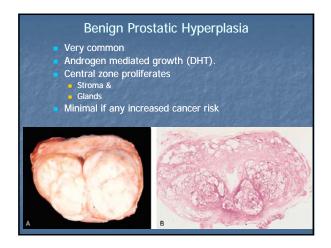


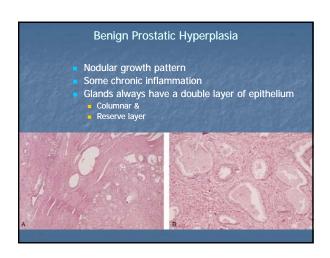


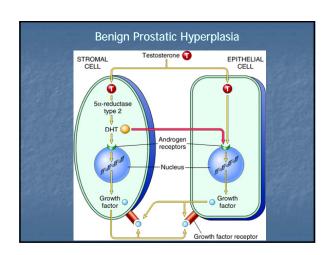


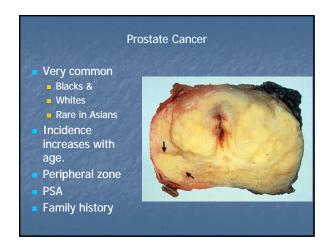


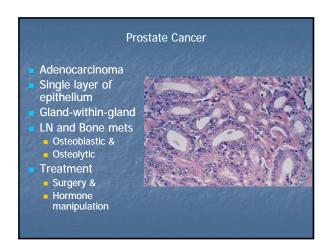


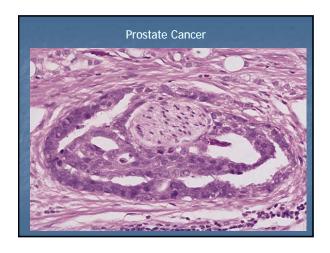


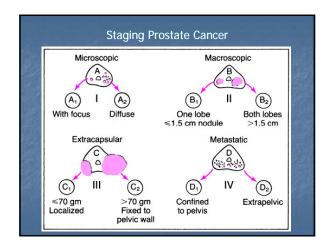


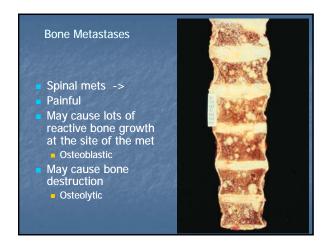














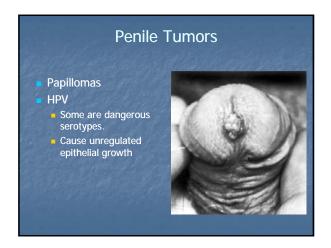
Pathology of the Penis

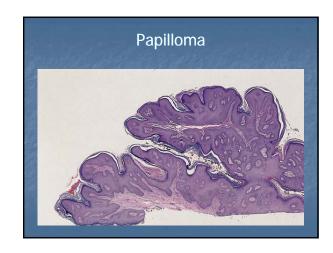
Congenital Abnormalities

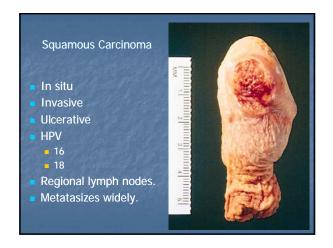
- Hypospadius
 - Urethral opening on ventral surface of penis.
- Epispadius
 - Urethral opening on dorsal surface of penis.
- Both associated with undescended testis

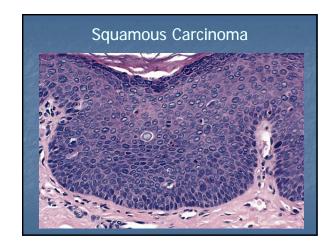
Circumcision, Yes or No

- Maybe helpful in a small number.
- In previous years it did make a difference.
- Phimosis
 - Orifice of the prepuce is too small.
 - Paraphimosis, inflammation and cosntriction leads to urinary problems.
 - ? Risk of cancer











Sexually Transmitted Diseases HPV Hepatitis B Syphilis Gonorrhea HIV Chlamydia

