Testicular Mass

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History of Present Illness

• 24 y/o male with smooth, non-tender left testicular mass that enlarged over a few months and became 5-10 times the size of the right testicle.

• Elevated AFP
Diagnosis?
Diagnosis

- Malignant teratoma composed of endodermal sinus/yolk sac tumor and embryonal carcinoma component with retroperitoneal met.

- This is a type of non-seminoma tumor and typically affects men from late teens to early 30s. Can have increase AFP and HCG.
  Most non-seminoma tumors are mixed, like this one.

- This patient ended up having surgery and chemotherapy.
Differential Dx of Painless Scrotal Mass

- **Hydrocele** – cystic scrotal mass, collection of peritoneal fluid between layers of tunica vaginalis
- **Inguinal hernia** – reducible, non-transilluminating mass
- **Varicocele** – collection of dilated and tortuous veins in pampiniform plexus, more common on left b/c of angle of left spermatic vein and it draining into renal vein.
- **Spermatocele** – fluid-filled cyst of head of epididymis, does transilluminate as cystic mass
- **Malignancy** – most common solid tumor in males age 15-35, typically firm non-transilluminating mass
References