

SCROTAL:

- Prep: None
- Basic Principles: Using high frequency linear transducer both testicles should be scanned completely in the longitudinal and transverse planes. Scan the patient in the supine position with the scrotum supported by folded towels.
- The examination should include the following:
 - Longitudinal plane document lateral, mid, and medial portions and measure length and AP.
 - Transverse plane document upper, mid, and lower portions and measure at the widest portion.
 - Include transverse cine clips of both sides from superior through inferior portions.
 - Images of both testicles comparing echogenicity and size should also be included.
 - Extratesticular: Evaluate the epididymis, spermatic cord, and scrotal wall as well as any extratesticular fluid collections.
 - Flow: Intratesticular and epididymal vascular flow needs to be evaluated with color and pulse wave Doppler. If there is a varicocele, use color Doppler and evaluate with and without valsalva maneuver.