

Genitourinary Grossing Guidelines

Specimen Type: ORCHIECTOMY (gender confirmation)

Note: A simple orchiectomy may be performed for hormonal treatment of prostate cancer, for trauma, for torsion, or for rare infectious disorders.

Procedure:

1. Weigh and measure the specimen.
2. Measure testis and the length and diameter of spermatic cord.
3. Make sagittal slices through the testis and epididymis, and describe the parenchyma, the presence or absence of fine thin tubules (stringy in normal consistency), and any focal abnormalities.

Gross Template:

MMODAL Command: "INSERT TESTICLE GENDER"

It consists of a [*weight****] gram, [*measure in three dimensions****] cm [*intact/disrupted****] orchiectomy. The spermatic cord measures [*****] cm in length x [*****] cm in diameter. The tunica vaginalis is [*present/absent****]. The tunica albuginea is [*smooth and white or describe lesions present****]. The testis alone measures [*measure in three dimensions****] cm, and the epididymis measures [*measure in three dimensions****] cm. Sectioning reveals [*describe cut surface, fibrosis, necrosis, hyperemia/hemorrhage/unremarkable****]. [*The tubules string with ease/The parenchyma does not string easily****]. Representative sections are submitted in cassette [*****].

Cassette Submission: 1-2 cassettes

- No need for spermatic cord margin on gender confirmation cases
- Sample all lesions if present (periphery and center)
 - o Sample lesion with relationship to rete testis, tunica albuginea, and epididymis
- If no lesions are identified – submit 1-2 cassettes of testicular parenchyma to include rete testis and epididymis (can submit one cassette if section shows all structures).