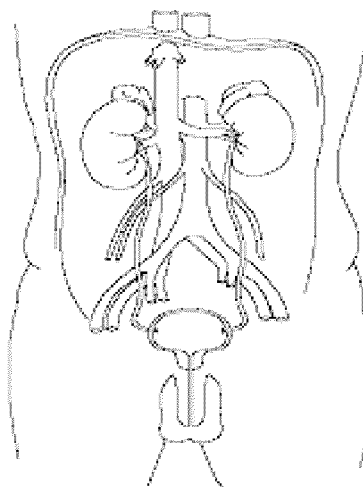


CALIFORNIA  
TUMOR TISSUE REGISTRY

## **“GENITOURINARY PATHOLOGY”**

**Study Cases, Subscription B**

**March 2014**



**California Tumor Tissue Registry**  
c/o: Department of Pathology and Human Anatomy  
Loma Linda University School of Medicine  
11021 Campus Avenue, AH 335  
Loma Linda, California 92350  
(909) 558-4788  
FAX: (909) 558-0188  
E-mail: [cttr@linkline.com](mailto:cttr@linkline.com)  
Web page: [www.cttr.org](http://www.cttr.org)  
Web site & Case of the Month: [www.cttr.org](http://www.cttr.org)

**Target audience:**

Practicing pathologists and pathology residents.

**Goal:**

To acquaint the participant with the histologic features of a variety of benign and malignant neoplasms and tumor-like conditions.

**Objectives:**

The participant will be able to recognize morphologic features of a variety of benign and malignant neoplasms and tumor-like conditions and relate those processes to pertinent references in the medical literature.

**Educational methods and media:**

Review of representative glass slides with associated histories.  
Feedback on consensus diagnoses from participating pathologists.  
Listing of selected references from the medical literature.

**Principal faculty:**

Donald R. Chase, MD

**CME/SAM Credit:**

Loma Linda University School of Medicine designates this continuing medical education activity for a maximum of 2 hours of Category I of the Physician's Recognition Award of the American Medical Association. It also qualifies for up to 2 hours of SAM credit by the American Board of Pathology.  
CME/SAM credit is offered for the subscription year only.

**Accreditation:**

Loma Linda University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

**Case No. 1 - March 2014 B**

**Accession #31708**

**Tissue from: Right kidney**

**Clinical Abstract:**

This 57 year old woman was found to have a right renal mass.

**Gross Pathology:**

The 290 gram kidney and attached ureter showed a 4 cm white papillary mass involving the lower pole of the kidney and the renal pelvis.

Special Studies:

Negative: CD31; CD34

---

**Case No. 2 - March 2014 B**

**Accession #31645**

**Tissue from: Left testis**

**Clinical Abstract:**

This 31 year-old man had a left testicular mass.

**Gross Pathology:**

The 228 gram testicle contained an 11 x 9 x 7 cm mass replacing 95% of the testicular parenchyma.

Special Studies:

Positive: PLAP, CD117, CAM5.2 (rare), beta-HCG (weak)

Negative: CD30, Alpha-fetoprotein, EMA, Inhibin, Pancytokeratin

**Case No. 3 - March 2014 B**

**Accession #31602**

**Tissue from: Right testis**

**Clinical Abstract:**

A 18 year-old man noticed right testicular mass.

**Gross Pathology:**

The 53 gram testis contained a 1.3 cm variegated black and tan mass at the periphery of the inferior pole.

Special Studies:

Positive: Cytokeratin cocktail, CD117 (focal), PLAP (weak), CAM5.2, CD30 (scattered)

Negative: Beta-HCG, EMA

---

**Case No. 4 - March 2014 B**

**Accession #23853**

**Tissue from: Right testicle**

**Clinical Abstract:**

After the swelling following a horse-kick to the scrotum failed to resolve, this 25 year-old man presented for work-up.

**Gross Pathology:**

The 70 gram testis had a soft, variegated pink to yellow-gray tumor nearly replacing the parenchyma.

**Case No. 5 - March 2014 B**

**Accession #27720**

**Tissue from: Right scrotum**

**Clinical Abstract:**

This 62 year-old man had a 5-year history of right scrotal swelling and was found to have a paratesticular mass.

**Gross Pathology:**

The 1050 gram en bloc resection specimen showed the spermatic cord to be enveloped and obscured by an 18 x 17 x 7 cm bosselated mass having a translucent myxoid to firm white fibrotic cut surface.

Special Studies:

Positive: S100, CD34, F13a

Negative: Desmin, HHF35, Smooth muscle actin

---

**Case No. 6 - March 2014 B**

**Accession #31599**

**Tissue from: Bladder**

**Clinical Abstract:**

An 82 year-old man had a urinary bladder mass.

**Gross Pathology:**

The 339 gram cystoprostatectomy specimen had a 12 x 10 x 3 cm bladder with a 6.5 x 6.5 cm exophytic mass involving the anterior wall, dome and trigone with invasion into the prostatic urethra.

**Case No. 7 - March 2014 B**

**Accession #31569**

**Tissue from: Bladder**

**Clinical Abstract:**

This 70 year old man had a mass in his bladder.

**Gross Pathology:**

The cystoprostatectomy specimen showed a 6 cm region of mucosal erosion with an ill-defined curling border that obstructed the right ureteral orifice. Underlying the mucosal erosion, a white-tan tumor extended through the thickness of the bladder wall.

---

**Case No. 8 - March 2014 B**

**Accession #25059**

**Tissue from: Bladder**

**Clinical Abstract:**

This 77 year-old man had a bladder mass.

**Gross Pathology:**

The cystoprostatectomy specimen contained a 9 x 7 x 4 cm pedunculated mass at the uncton of the dome and the left lateral wall.

**Case No. 9 - March 2014 B**

**Accession #31532**

**Tissue from: Left kidney**

**Clinical Abstract:**

A 53 year-old man presented with a left renal mass.

**Gross Pathology:**

The 20 gram mass was 5.6 x 3.8 x 3 cm.

---

**Case No. 10 - March 2014 B**

**Accession #31600**

**Tissue from: Right kidney**

**Clinical Abstract:**

This 59 year-old woman had a right renal mass.

**Gross Pathology:**

The 460 gram kidney contained an 8.5 x 7.8 x 4.3 cm variegated pink-tan and yellow tumor with small cystic areas.