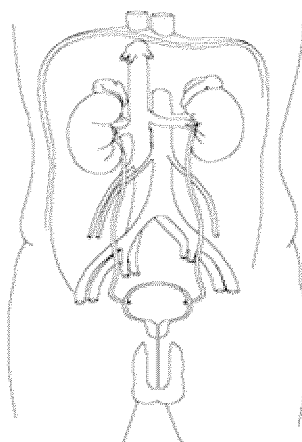


**CALIFORNIA
TUMOR TISSUE REGISTRY**

“GENITOURINARY PATHOLOGY”

Study Cases, Subscription B

September 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
Web page: www.cttr.org
Web site & Case of the Month: 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 - September 2014 B

Accession #08659

Tissue from: Penis

Clinical Abstract:

A 40 year-old man presented with a two-month history of priapism and decreased urinary stream. Multiple nodular masses of the penile shaft were noted. After biopsy, a radical penectomy was performed.

Gross Pathology:

The tumor involved the left corpus cavernosum and the corpus spongiosum and extended to the base of the penis.

Case No. 2 - September 2014 B

Accession #31960

Tissue from: Foreskin

Clinical Abstract:

This 39 year-old man presented with a ventral penile mass eroding the foreskin and extending to the base of the penis.

Gross Pathology:

A 6 cm firm fungating mass was excised.

Case No. 3 - September 2014 B

Accession #18560

Tissue from: Testis

Clinical Abstract:

This 2 year-old boy had had a hydrocele since birth. Although it had been tapped multiple times, continued scrotal enlargement interfered with the child's walking. Physical examination revealed a tense smooth mass within the left side of the scrotum.

Gross Pathology:

The resected testicle was 4.5 x 3.5 x 3 cm. The cut surface showed mucoid material within cysts up to 1.5 cm in diameter. There was focal calcification.

Case No. 4 - September 2014 B

Accession #19305

Tissue from: Testis

Clinical Abstract:

A 33 year-old man had a one year history of intermittent left testicular swelling. Exam showed a left testicular mass that did not transilluminate.

Gross Pathology:

The 300 gram mass was 9.5 cm in greatest diameter. The cut surface showed variegated gray to tan, firm to spongy regions with focal hemorrhage.

Case No. 5 - September 2014 B

Accession #15998

Tissue from: Testis

Clinical Abstract:

This 20 year-old man complained of gradual testicular enlargement over the prior four months. There was no history of trauma.

Gross Pathology:

The resected testicular mass was 4.5 x 3 x 3 cm, spongy, dark red and replaced most of the normal testis.

Case No. 6 - September 2014 B

Accession #23996

Tissue from: Prostate

Clinical Abstract:

An 80 year-old man complained of nocturia every 2 hours with decreased size and force of urinary stream. A retropubic prostatectomy was performed.

Gross Pathology:

The 50 gram, 6 x 4.5 x 3 cm resection specimen was bosselated, rubbery and without regions of excessive firmness or yellow discoloration.

Case No. 7 - September 2014 B

Accession #30597

Tissue from: Prostate

Clinical Abstract:

After complaining of symptoms of urinary retention, this 59 year-old man was found to have mildly elevated PSA. Digital rectal exam showed an enlarged but smooth prostate. A suprapubic prostatectomy was performed with a dominant nodule enucleated from the surrounding prostatic shell.

Gross Pathology:

The 89 gram specimen was 6 x 5 x 3.5 cm.

Case No. 8 - September 2014 B

Accession #31752

Tissue from: Left kidney

Clinical Abstract:

This 3 year-old boy had a left renal mass and underwent resection following three cycles of chemotherapy.

Gross Pathology:

The 138 gram, 10 x 6 x 5 cm kidney had multiple nodules ranging from 0.4 to 1.5 cm in greatest diameter.

Case No. 9 - September 2014 B

Accession #31949

Tissue from: Left kidney

Clinical Abstract:

This 64 year-old woman was found to have a left renal mass.

Gross Pathology:

The 27 gram partial nephrectomy specimen was 3.2 x 3.2 x 1.8 cm and contained a 2.3 cm well-circumscribed tan-yellow fleshy mass.

Case No. 10 - September 2014 B

Accession #29945

Tissue from: Right kidney

Clinical Abstract:

After experiencing 2 months of abdominal and right flank pain, this 60 year-old man was found by CT to have a cystic retroperitoneal mass.

Gross Pathology:

The 1654 gram resection of kidney and perinephric fat included a 15.5 x 14.9 x 6.5 cm partially necrotic gray-tan tumor involving the inferior renal pole.

Special Studies:

Positive: CD31

Negative: Cytokeratin, S100, Desmin, Myogenin, HMB45, LCA, CD30