

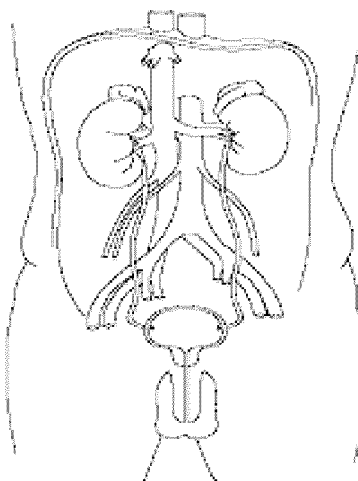


CALIFORNIA
TUMOR TISSUE REGISTRY

“GENITOURINARY PATHOLOGY”

Study Cases, Subscription A

February 2012



California Tumor Tissue Registry
c/o: Department of Pathology and Human Anatomy
Loma Linda University School of Medicine
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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 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.
CME 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.

**Contributor: Pamela Boswell, D.O.
La Jolla, CA**

Case No. 1 - February 2012 A

Tissue from: Left testis

Accession #31327

Clinical Abstract:

A 24 year-old man noted testicular enlargement and underwent a radical orchiectomy.

Gross Pathology:

The 57.6 gram resection specimen included a 5.5 x 3.7 x 2.7 cm testis, the epididymis and segment of spermatic cord. Replacing about 90% of the testis was a tan, focally hemorrhagic solid to multilocular cystic-necrotic tumor.

Special Studies:

Positive: CD30, PLAP, CAM 5.2, EMA, AFP

Negative: HCG

**Contributor: Ellen Ko, M.D.
Colton, CA**

Case No. 2 - February 2012 A

Tissue from: Right testis

Accession #31100

Clinical Abstract:

A 32 year-old man had a right testicular mass.

Gross Pathology:

The 220 gram right testis was 8.5 x 8 x 5 cm with attached segment of spermatic cord. Diffusely involving the testicular parenchyma was a tan-pink to gray-pink variegated cystic tumor with focal necrosis and hemorrhage.

Contributor: LLUMC Pathology Group (dr)
Loma Linda, CA

Case No. 3 - February 2012 A

Tissue from: Urinary bladder

Accession #31347

Clinical Abstract:

A 68 year-old man was found to have a tumor involving his bladder.

Gross Pathology:

The 545 gram, 15 x 7 x 7 cm cystoprostatectomy specimen had a 6.5 x 4 cm fungating mass involving the posterior and lateral walls of the bladder with extension into the muscularis propria, prostate gland and seminal vesicles.

Contributor: Pamela Boswell, D.O.
La Jolla, CA

Case No. 4 - February 2012 A

Tissue from: Urinary bladder

Accession #31184

Clinical Abstract:

This 80 year-old woman presented with an apparent bladder stone. A transurethral resection of bladder tumor was performed. Her travel history was limited to visits to Mexico.

Gross Pathology:

The fragments of bladder tumor formed a 3 cm aggregate of dusky tan-red to gray-brown tissue fragments.

Contributor: LLUMC Pathology Group (hr)
Loma Linda, CA

Case No. 5 - February 2012 A

Tissue from: Right kidney

Accession #31231

Clinical Abstract:

This 3 month-old baby boy had massive renal enlargement.

Gross Pathology:

The 430 gram, 14 x 9 x 6 cm pink-tan kidney has multiple cysts filled with red-brown fluid, ranging up 0.5 cm in greatest diameter.

Contributor: LLUMC Pathology Group (cz)
Loma Linda, CA

Case No. 6 - February 2012 A

Tissue from: Left kidney

Accession #31206

Clinical Abstract:

A 2 year-old boy was found to have a kidney tumor.

Gross Pathology:

The 178 gram, 8 x 6.5 x 4 cm kidney was distorted by a well demarcated central mass measuring 6 cm in greatest diameter. The cut surface was homogeneous, soft, white-tan without necrosis or hemorrhage.

Contributor: LLUMC Pathology Group (dr)
Loma Linda, CA

Case No. 7 - February 2012 A

Tissue from: Right kidney

Accession #31276

Clinical Abstract:

This 74 year-old man was found to have a right kidney tumor.

Gross Pathology:

The 3700 gram radical nephrectomy specimen included an 18 x 17 x 12 cm extensively necrotic multicystic mass in the upper pole of the kidney.

Contributor: John C. Sacoolidge, M.D.
Sylmar, CA

Case No. 8 - February 2012 A

Tissue from: Left kidney

Accession #29819

Clinical Abstract:

This 38 year-old woman presented with left upper quadrant pain. Work-up revealed a left renal mass.

Gross Pathology:

The 447 gram nephrectomy specimen showed a 12 x 10 x 4.5 cm soft yellow, hemorrhagic mass compressing the renal cortex and distorting and filling the renal pelvis.

**Contributor: Jozef Kollin, M.D.
Lakewood, CA**

Case No. 9 - February 2012 A

Tissue from: Left kidney

Accession #29935

Clinical Abstract:

A 68 year-old man had a left renal mass.

Gross Pathology:

The 145 gram kidney had a 5 x 4.5 x 4.5 cm tan-orange nodule at one pole.

**Contributor: LLUMC Pathology Group (cz)
Loma Linda, CA**

Case No. 10 - February 2012 A

Tissue from: Left kidney

Accession #31333

Clinical Abstract:

This 65 year-old woman had a mass in her left kidney.

Gross Pathology:

The 1232 gram nephrectomy specimen had a 10 x 10 x 9 cm well circumscribed rounded mass within the midportion of the kidney with a 7.5 x 5.5 x 4.8 cm lobular tumor protruding out through the renal sinus and hilar soft tissue. The tumor was white-tan, spongy and diffusely cystic with smooth-walled cysts ranging from microscopic to up to 2 cm in diameter.