

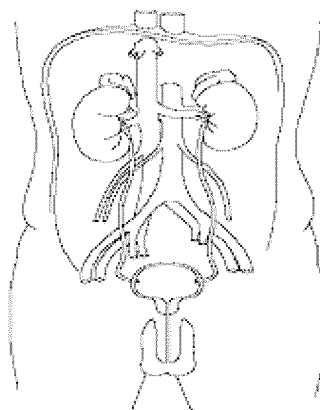


CALIFORNIA  
TUMOR TISSUE REGISTRY

## **“GENITOURINARY PATHOLOGY”**

**Study Cases, Subscription A**

**February 2009**



**California Tumor Tissue Registry**  
c/o: Department of Pathology and Human Anatomy  
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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  
Amita T. Mistry, 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 2009 A**

**Tissue from: Left testis**

**Accession #30871**

**Clinical Abstract:**

A 56 year old man had a left testicular mass.

**Gross Pathology:**

The left testicular resection specimen was 17 x 13 x 9 cm. The testis was replaced by a 14 x 13 x 9 cm hemorrhagic, necrotic red-brown tumor.

Special Studies:

Positive: PLAP

Negative: AE1/AE3, CAM5.2, CD30, HCG, AFP, EMA

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**Contributor: Anthony Migler, M.D.**  
**Oxnard, CA**

**Case No. 2 - February 2009 A**

**Tissue from: Prostate**

**Accession #30847**

**Clinical Abstract:**

This 87 year old man complained of urinary obstructive symptoms.

**Gross Pathology:**

Transurethral prostate chips were received.

**Contributor: Peter Morris, M.D.  
Santa Barbara, CA**

**Case No. 3 - February 2009 A**

**Tissue from: Left kidney**

**Accession #30831**

**Clinical Abstract:**

After complaining of severe vaginal bleeding, , this 46 year old woman was found to have a large tubo-ovarian abscess and she underwent a TAH/BSO with diverting colostomy. At the time of the colostomy take-down, a CT scan showed a complex cystic left renal mass. A CT scan from 3 years earlier was reviewed and the mass was felt to have enlarged during the interval.

**Gross Pathology:**

The excised renal mass weighed 117 grams and was 9 x 6 x 4 cm. It had a dominant 7 cm diameter cyst lined by white-tan glistening granular tissue. Within the wall of the dominant cyst were innumerable smooth-walled cysts up to 3.5 cm in diameter. The cysts were filled with clear watery fluid.

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**Contributor: Yevgeniy Karamurzin, M.D.  
Long Beach, CA**

**Case No. 4 - February 2009 A**

**Tissue from: Right kidney**

**Accession #30863**

**Clinical Abstract:**

The parents of this previously healthy 3 year old girl noted a right-sided abdominal mass after she had experienced two days of vomiting and abdominal pain.

**Gross Pathology:**

The right nephrectomy specimen weighed 517 grams and had a 10 x 9 x 8 cm yellow-gray solid mass replacing the lower pole.

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

**Case No. 5 - February 2009 A**

**Tissue from: Right kidney**

**Accession #30775**

**Clinical Abstract:**

During routine interval surveillance for hepatitis C, this 53 year old man was found to have a right renal mass. A CT scan showed a 5 cm enhancing mass in the right kidney. The left kidney, liver, pancreas and spleen were normal.

**Gross Pathology:**

The 526 gram resection specimen included a 4.5 x 4 x 4 cm well circumscribed yellow-tan and brown-tan mass in the midportion of the kidney.

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

**Case No. 6 - February 2009 A**

**Tissue from: Right kidney**

**Accession #30818**

**Clinical Abstract:**

A 60 year old man was found to have a right retroperitoneal mass.

**Gross Pathology:**

The 3420 gram composite resection of right kidney, right adrenal and right colon showed a 17.5 x 16 x 10 cm well encapsulated mass compressing the kidney at the medial lower pole. The cut surface was yellow-tan with areas of necrosis, hemorrhage and calcification.

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

**Case No. 7 - February 2009 A**

**Tissue from: Right kidney**

**Accession #30707**

**Clinical Abstract:**

A 66 year old man had a right renal mass.

**Gross Pathology:**

The 1120 gram kidney contained a 17 x 9.5 x 7 cm orange-yellow tumor adjacent to the renal pelvis.

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

**Case No. 8 - February 2009 A**

**Tissue from: Right kidney**

**Accession #30713**

**Clinical Abstract:**

This 73 year old man was found to have a right renal mass with retroperitoneal lymphadenopathy.

**Gross Pathology:**

The 21 x 12 x 6 cm kidney with surrounding fat had a 3.5 x 3. x 2 cm mass replacing the midportion of the renal pelvis.

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

**Case No. 9 - February 2009 A**

**Tissue from: Right kidney**

**Accession #30916**

**Clinical Abstract:**

An eleven month old baby boy was noted to have an abdominal mass.

**Gross Pathology:**

The 670 gram, 15 x 10 x 8 cm right radical nephrectomy specimen contained a 14.9 x 9.7 x 7 cm white-tan solid tumor of the upper pole, replacing most of the kidney.

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

**Case No. 10 - February 2009 A**

**Tissue from: Right kidney**

**Accession #30913**

**Clinical Abstract:**

A 70 year old man was worked up by urology clinic. A renal ultrasound showed a solid right renal mass. CT scan showed a heterogeneous enhancing mass.

**Gross Pathology:**

This 663 gram, 15 x 13 x 6 cm radical nephrectomy specimen contained a discrete but unencapsulated 7.5 x 6.8 x 6.7 cm fleshy brown-tan mass arising near the renal pelvis. The cut surface showed yellow-tan to white gritty areas and foci of hemorrhage.