

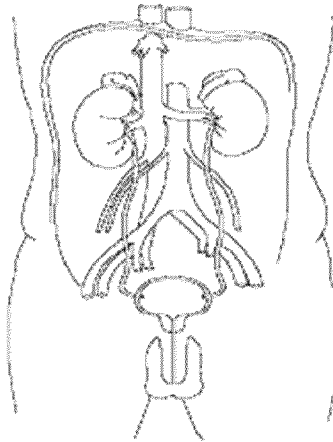


CALIFORNIA  
TUMOR TISSUE REGISTRY

## **“GENITOURINARY PATHOLOGY”**

**Study Cases, Subscription B**

**May 2010**



### **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 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: Keith Thompson, M.D.  
San Diego, CA**

**Case No. 1 - May 2010 B**

**Tissue from: Bladder**

**Accession #30638**

**Clinical Abstract:**

During work-up for hematuria, this 68 year old man was found to have a bladder mass.

**Gross Pathology:**

The right anteriolateral wall of the bladder had a 4.3 x 4.1 x 2.9 cm tan, firm, intraluminal papillary mass with invasive margins.

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**Contributor: Jin Wang, M.D.  
Hangzhou, People's Republic of China**

**Case No. 2 - May 2010 B**

**Tissue from: Testis**

**Accession #30260**

**Clinical Abstract:**

This 23 year old man noticed right testicular enlargement.

**Gross Pathology:**

The 4.5 x 4.5 x 3 cm mass had a gray-white cut surface.

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

**Case No. 3 - May 2010 B**

**Tissue from: Right kidney**

**Accession #30612**

**Clinical Abstract:**

This 46 year old woman had a history of kidney infections and was found to have a right staghorn calculus and a non-functioning right kidney.

**Gross Pathology:**

The 858 gram, 18 x 10 x 8 cm kidney had multiple yellow-tan dilated spaces ranging from 2 to 4.5 cm, containing yellow-green granular-purulent material.

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

**Case No. 4 - May 2010 B**

**Tissue from: Right kidney**

**Accession #31116**

**Clinical Abstract:**

A 64 year old woman was found to have a right renal mass.

**Gross Pathology:**

The 300 gram, 13.5 x 8 x 5 cm kidney had a firm cystic mass at the mid antihilar border. The cut surface showed a 7.8 x 6 x 6 cm well circumscribed, complex white-tan fibrous cystic mass.

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

**Case No. 5 - May 2010 B**

**Tissue from: Left kidney**

**Accession #30710**

**Clinical Abstract:**

A 56 year old man was found to have a left renal mass with retroperitoneal lymphadenopathy.

**Gross Pathology:**

The 1,160 gram, 22 x 11 x 8 cm resection specimen included a 10 x 7 x 5 cm hemorrhagic necrotic mass within the inferior pole of the kidney.

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**Contributor: Herbert Harder, M.D.  
Kijabe Hospital, Kenya**

**Case No. 6 - May 2010 B**

**Tissue from: Right kidney**

**Accession #31088**

**Clinical Abstract:**

This 65 year old man was found to have an abdominal mass.

**Gross Pathology:**

The 1,725 gram, 17 x 13 x 11 cm resection specimen was largely composed of soft necrotic brown tissue contained within a partially calcified fibrous capsule.

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

**Case No. 7 - May 2010 B**

**Tissue from: Left kidney**

**Accession #31159**

**Clinical Abstract:**

This 2 year old boy had a large left renal mass.

**Gross Pathology:**

The 505 gram, 12 x 10 x 6 cm kidney with perinephric fat contained a 10 x 7.5 x 6 cm variegated solid friable, focally hemorrhagic mass replacing the superior pole and midportion of the kidney.

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**Contributor: Loren Ayres, M.D.**  
**Arcadia, CA**

**Case No. 8 - May 2010 B**

**Tissue from: Prostate**

**Accession #23996**

**Clinical Abstract:**

This 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 consisted of a bosselated, rubbery portion of tissue with a lobulated cut surface. There were no areas of excessive firmness or yellow discoloration.

**Contributor: Aaron Dubrow, M. D.  
San Fernando, CA**

**Case No. 9 - May 2010 B**

**Tissue from: Prostate**

**Accession #23872**

**Clinical Abstract:**

This 69 year old man complained of frequency, occasional burning, nocturia and narrow stream during urination. A rectal examination confirmed an enlarged prostate. A transurethral resection was performed.

**Gross Pathology:**

The irregular prostate chips formed an 11 gram aggregate.

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**Contributor: W. E. Carroll, M.D.  
Santa Barbara, CA**

**Case No. 10 - May 2010 B**

**Tissue from: Prostate**

**Accession #19173**

**Clinical Abstract:**

After developing acute urinary retention, this 56 year old man underwent prostatectomy. At surgery, 'large globs' of mucus were noted but there was no demonstrable connection with the rectum.

**Gross Pathology:**

The 32 gram, 3.8 x 3.3 x 2.5 cm specimen consisted of multiple firm hemorrhagic tan-pink tissue fragments with attached mucoid material.