

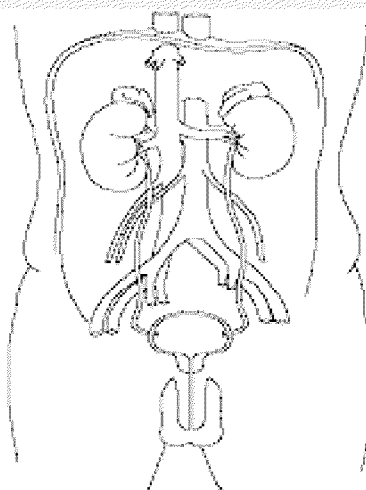


**CALIFORNIA
TUMOR TISSUE REGISTRY**

“GENITOURINARY PATHOLOGY”

Study Cases, Subscription B

May 2012



California Tumor Tissue Registry
c/o: Department of Pathology and Human Anatomy
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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 - May 2012 B

Tissue from: Penis

Accession #31383

Clinical Abstract:

A 77 year-old man presented with a penile mass.

Gross Pathology:

The 6 x 3.6 x 3 cm distal penile resection specimen had a 2.6 x 2.5 cm exophytic firm white-tan mass on the dorsal aspect of the glans, adjacent to the urethral meatus.

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

Case No. 2 - May 2012 B

Tissue from: Left kidney

Accession #31256

Clinical Abstract:

A three month-old baby boy had pulmonary and gastrointestinal hypofunction and underwent a left nephrectomy.

Gross Pathology:

The 288 gram, 13.5 x 8 x 7 cm nephrectomy specimen showed spongy multicystic parenchyma, devoid of any apparent normal renal tissue.

**Contributor: Anthony w. Migler, M.D.
Camarillo, CA**

Case No. 3 - May 2012 B

Tissue from: Left kidney

Accession #31376

Clinical Abstract:

During work-up for spinal stenosis, radiographic studies revealed a left renal mass in this 81 year-old woman.

Gross Pathology:

The resected kidney with perirenal fat was 18 x 11 x 5 cm. Protruding from the lower pole was a 7 x 7 x 4.8 cm brown mass with focal hemorrhage.

**Contributor: Lester Thompson, M.D.
Woodland Hills, CA**

Case No. 4 - May 2012 B

Tissue from: Right kidney

Accession #31197

Clinical Abstract:

This 50 year-old woman presented with hematuria.

Gross Pathology:

The resected kidney contained a 3.5 cm well-defined light brown-tan mass.

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

Case No. 5 - May 2012 B

Tissue from: Left kidney

Accession #31387

Clinical Abstract:

This 6 year-old girl was found to have a left renal mass.

Gross Pathology:

The 225 gram, 11 x 7 x 5 kidney with surrounding adipose tissue showed a 6 x 5 x 5 cm well circumscribed white-tan tumor in the upper pole.

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

Case No. 6 - May 2012 B

Tissue from: Left kidney

Accession #31342

Clinical Abstract:

An 83 year-old man was found to have a left renal mass.

Gross Pathology:

The 630 gram, 18.5 x 11.5 x 10.5 cm kidney showed a 9 x 6 x 5 cm tan fleshy tumor largely replacing the renal pelvis and extending into the perirenal fat. Cut sections showed the tumor involving the surface of the renal pelvic mucosa.

Special Studies:

Positive: CK7, Synaptophysin, Chromogranin, CD 20 (focally)

Contributor: Catherine Odell, M.D.
Riverside, CA

Case No. 7 - May 2012 B

Tissue from: Right adrenal & retroperitoneum

Accession #30859

Clinical Abstract:

Six years earlier, this 68 year-old woman had undergone a right radical nephrectomy. A follow-up ultrasound showed a mass in the region of her right adrenal gland.

Gross Pathology:

The 50 gram 5 x 5 x 3 cm resection specimen was well circumscribed, lobular, soft, variegate yellow and red with a thin rim of residual adrenal cortex.

Special Studies:

Positive: RCC, EMA, AE1/AE3 (focal), CD10, Vimentin

Negative: MelanA, Inhibin, CK7, CK20, TTF-1

Contributor: Richard N. Abts, M.D.
Pasadena, CA

Case No. 8 - May 2012 B

Tissue from: Right testis

Accession #13220

Clinical Abstract:

This 18 year-old man had had non-tender testicular swelling for one year. The mass at first was discrete, separated from the testicle, but rapidly increased in size. At the time of admission, pulmonary and mediastinal metastases were noted. A radical orchiectomy was performed. He died four months after presentation.

Gross Pathology:

The 600 gram right testis was approximately 18 x 6 cm.

Contributor: Weldon K. Bullock, M.D.
Los Angeles, CA

Case No. 9 - May 2012 B

Tissue from: Right testis

Accession #12954

Clinical Abstract:

A 69 year-old man presented with weakness, vomiting, weight loss and epigastric pain. He had a prior history of partial gastrectomy for gastrointestinal hemorrhage. At physical examination, the right testicle was noted to be nodular, hard, and enlarged. After questioning, the patient reported that while the nodule had been present for about 20 years, it had recently enlarged.

Gross Pathology:

A 4 cm diameter ovoid mass replaced the inferior portion of the testis.

Contributor: H. I. Harder, M.D.
Glendale, CA

Case No. 10 - May 2012 B

Tissue from: Left kidney

Accession #13666

Clinical Abstract:

This 41 year-old woman presented with right lower quadrant discomfort and in the course of work-up was found to have a left upper quadrant mass.

Gross Pathology:

The 1140 gram, 22 x 9 x 7 cm kidney contained a 12 x 9 x 7 cm soft lobulated tan mass in the upper pole.

Special Studies:

Negative: Desmin/S100/CK cocktail/HMB45/CD117/CD34