

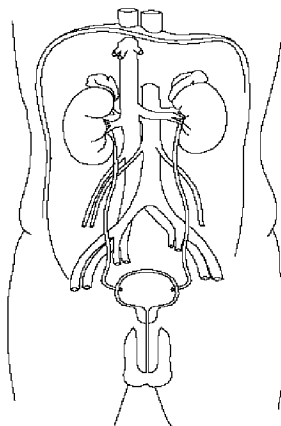


CALIFORNIA
TUMOR TISSUE REGISTRY

“GENITOURINARY PATHOLOGY”

Study Cases, Subscription A

February, 2004



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:

Weldon K. Bullock, MD
Donald R. Chase, MD

CME Credit:

Loma Linda University School of Medicine designates this continuing medical education activity for up to 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: LLUMC Pathology Group (ec)
Loma Linda, CA

Case No. 1 - February 2004

Tissue from: Left kidney

Accession #29377

Clinical Abstract:

Following a two month history of left flank pain, this 48-year-old female had an ultrasound revealing a large cystic mass involving the left kidney.

Gross Pathology:

The 2450 gram kidney measured 20.0 x 18.0 x 16.0 cm and contained a 11.0 x 9.0 x 6.0 cm cyst. There were several additional thin-walled secondary cysts measuring up to 4.0 cm. The cystic complex compressed the renal pelvis and was associated with moderate hydronephrosis.

Contributor: Sheldon A. Miller, M.D.
Oxnard, CA

Case No. 2 - February 2004

Tissue from: Right kidney

Accession #29775

Clinical Abstract:

A right kidney mass was discovered in this 78-year-old male.

Gross Pathology:

The right kidney tumor measured 20.0 cm.

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

Case No. 3 - February 2004

Tissue from: Right kidney

Accession #29400

Clinical Abstract:

This 5-year-old female was found to have a tumor in her right kidney.

Gross Pathology:

The 1,120 gram nephrectomy specimen contained an 11.0 x 8.0 x 7.0 cm soft tan, predominantly solid mass which replaced 90% of the renal parenchyma.

Contributor: Faramarz Azizi, M.D.
Fontana, CA

Case No. 4 - February 2004

Tissue from: Right kidney

Accession #29412

Clinical Abstract:

Following a two month history of right flank pain and a 15 to 20 pound weight loss, this 20-year-old male underwent a CT scan which showed an irregular right kidney with a hypovascular mass and extensive retroperitoneal lymphadenopathy.

Gross Pathology:

The 597 gram kidney contained an 8.0 x 6.0 x 6.0 cm ill-defined, yellow-tan, focally hemorrhagic tumor located in the lower pole of the kidney and extending into the renal pelvis.

SPECIAL STUDIES:

Pankeratin	positive
CK7	negative
CK20	negative
Desmin	negative
Muscle Specific Actin	negative
Myo-D1	negative

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

Case No. 5 - February 2004

Tissue from: Right kidney

Accession #29671

Clinical Abstract:

Following discomfort in the right upper quadrant, along with bloating and blood in the urine, this 75-year-old female was found to have an upper abdominal mass on imaging.

Gross Pathology:

The 1016 gram kidney contained a 14.0 x 12.8 x 7.0 cm irregular, firm, lobulated mass with a variegated pink and yellow cut surface.

Contributor: MPG Little, M.D.
Galway, Ireland

Case No. 6 - February 2004

Tissue from: Right kidney

Accession #29723

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

Case No. 6 - February 2004

Tissue from: Right kidney

Accession #28853

Clinical Abstract:

Accession #29723: During a gynecologic examination, as follow-up to a total hysterectomy and bilateral salpingo-oophorectomy for severe menorrhagia and an iron deficiency anemia, this 42-year-old female was found to have an enlarged right kidney.

Accession #28853: This 77-year-old male was found to have a right renal mass.

Gross Pathology:

Accession #29723: 80% of the 1,380 gram nephrectomy specimen was replaced by a 17.0 x 12.0 x 11.0 cm light brown circumscribed tumor.

Accession #28853: In the lower pole of the 355 gram red-tan kidney was a 5.2 x 5 x 3 cm brown-yellow mass with expansive borders compressing adjacent renal parenchyma.

Contributor: Pamela D. Boswell, M.D.
San Diego, CA

Case No. 7 - February 2004

Tissue from: Bladder

Accession #29625

Clinical Abstract:

After complaining of hematuria, this 82-year-old male was found by cystoscopy to have a bladder tumor. He had had a prostatectomy for prostate carcinoma 10 year previously.

Gross Pathology:

No gross description given.

SPECIAL STUDIES:

PAP	negative
PSA	positive

Contributor: Tai-Po Tschang, M.D.
Fresno, CA

Case No. 8 - February 2004

Tissue from: Left testicle

Accession #29645

Clinical Abstract:

This 47-year-old male presented with an enlarged left testicle.

Gross Pathology:

The 6.0 x 5.0 x 4.2 cm testicle was almost replaced by a 5.2 cm multilobulated tan mass.

Contributor: Xuedong Wang, M.D.
Pasadena, CA

Case No. 9 - February 2004

Tissue from: Left testicle

Accession #29426

Clinical Abstract:

Following complaints of pain and swelling in the left side of this 73-year-old male's scrotum, an ultrasound showed an ill-defined heterogeneous area.

Gross Pathology:

The 76 gram testicle measured 8.5 x 6.5 x 5.0 cm. The parenchyma was soft, solid tan, without an identifiable mass lesion.

SPECIAL STUDIES:

LCA	positive
CD20	positive
CD3	negative
AE1/3	negative

Contributor: Henry Slosser, M.D.
Pasadena, CA

Case No. 10 - February 2004

Tissue from: Right testicle

Accession #29808

Clinical Abstract:

For six months this 19-year-old male had a slow progressive swelling, without pain, of his right testicle.

Gross Pathology:

The 746 gram ovoid testis was largely replaced by a 13.5 x 11.0 x 7.0 cm hemorrhagic tumor.