

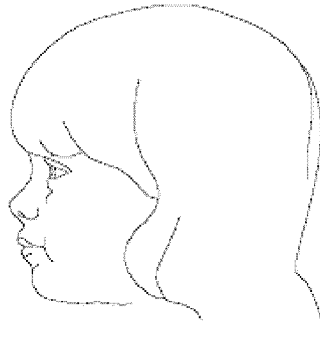


CALIFORNIA
TUMOR TISSUE REGISTRY

“PEDIATRIC PATHOLOGY”

Study Cases, Subscription B

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: LLUMC Pathology Group (kt)
Loma Linda, CA

Case No. 1 - February 2012 B

Tissue from: Right chest wall

Accession #31355

Clinical Abstract:

A 5 year-old girl presented with a chest wall mass.

Gross Pathology:

The 24 gram, 7.5 x 3.5 x 1.5 cm mass showed a hemorrhagic spongy cut surface.

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

Case No. 2 - February 2012 B

Tissue from: Lower back

Accession #31363

Clinical Abstract:

This 10 month-old boy had signs and symptoms of a ‘tethered cord.’ A mass from the lumbar region of his back was removed.

Gross Pathology:

The 13 gram, 5 x 3 x 1 cm specimen consisted of an aggregate of pink lobulated tissue.

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

Case No. 3 - February 2012 B

Tissue from: Anus

Accession #31362

Clinical Abstract:

This 7 year-old boy had a anal mass removed.

Gross Pathology:

The 38 gram specimen consisted of a 6 x 6 x 3.5 cm aggregate of bumpy tan skin fragments.

**Contributor: Robert H. Zuch, M.D.
Woodland Hills, CA**

Case No. 4 - February 2012 B

Tissue from: Right tibia

Accession #30140

Clinical Abstract:

A 17 year-old young woman presented with right bone pain.

Gross Pathology:

A 21 cm long portion of tibial shaft ranged from 2.5 to 4.5 cm in cross-sectional diameter. A white tan expansile, mostly intramedullary, mass was 17 cm in greatest diameter.

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

Case No. 5 - February 2012 B

Tissue from: Sacrum

Accession #31187

Clinical Abstract:

This 13 year-old girl had a large sacral mass. After biopsy, it was embolized, and then resected.

Gross Pathology:

The 74 gram specimen consisted of a 12.5 x 4 x 3 cm aggregate of soft pink-tan to red-black tissue.

Contributor: Alexander Lyster, M.D.
Victoria, TX

Case No. 6 - February 2012 B

Tissue from: Right upper eyelid

Accession #29300

Clinical Abstract:

This 5 year-old girl had a recurrent mass resected from her right upper eyelid.

Gross Pathology:

The 3.2 x 2.0 x 1.8 cm eyelid had a solid white mass.

Special Studies:

Desmin: Strongly positive

Contributor: J. H. Cremin, M.D.
Los Angeles, CA

Case No. 7 - February 2012 B

Tissue from: Right hand

Accession #18433

Clinical Abstract:

For almost a year, this 16 year-old girl had noted an enlarging mass, unassociated with trauma, in her right hand. Radiographs showed no bony involvement.

Gross Pathology:

A 46 gram, roughly oval mass was 6 x 5.5 x 3.8 cm, partially covered by muscle and fascia. The cut surface was mottled yellow-tan and fleshy.

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

Case No. 8 - February 2012 B

Tissue from: Left kidney

Accession #31384

Clinical Abstract:

Shortly after birth, this baby boy was noted to have a left kidney mass. The mass was resected at age 4 months.

Gross Pathology:

The 132 gram, 10 x 6.5 x 4 cm kidney had a large bulging mass in the lower pole. The cut surface showed a 6 x 5 x 2.4 cm yellow, trabeculated mass.

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

Case No. 9 - February 2012 B

Tissue from: Right kidney

Accession #31357

Clinical Abstract:

A 17 year-old woman had a right renal mass resected.

Gross Pathology:

The 2560 gram resection specimen included a 20 x 19 x 10 cm tumor replacing the superior pole of the kidney. The cut surface was variegated tan and white with fibrous septa and small foci of cystic necrosis.

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

Case No. 10 - February 2012 B

Tissue from: Right kidney

Accession #31385

Clinical Abstract:

A 4 year-old boy presented with hematuria and was found to have a right renal mass.

Gross Pathology:

The 617 gram resected kidney had a 12 x 8 cm mass at the superior pole. The cut surface showed a numerous satellite nodules up to 4 cm in diameter.