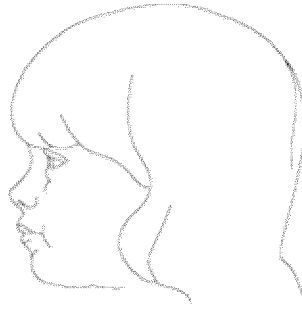


CALIFORNIA  
TUMOR TISSUE REGISTRY

## **“PEDIATRIC PATHOLOGY”**

**Study Cases, Subscription B**

**October 2014**



**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/SAM 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. It also qualifies for up to 2 hours of SAM credit by the American Board of Pathology.  
CME/SAM 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.

**Case No. 1 - October 2014 B**

**Accession #31924**

**Tissue from: Right kidney**

**Clinical Abstract:**

This 10 month-old boy had a non-functioning right kidney.

**Gross Pathology:**

The 7.3 gram kidney resection was 5 x 2 x 1 cm and showed multiple cysts up to 1.1 cm in greatest diameter containing clear watery fluid.

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**Case No. 2 - October 2014 B**

**Accession #28793**

**Tissue from: Left kidney**

**Clinical Abstract:**

A 4 week-old baby girl was found to have a mass in the upper pole of her left kidney.

**Gross Pathology:**

The 28 gram kidney was 5.5 x 2.5 x 2.5 cm and contained a 3 x 2 x 2 cm well-circumscribed glistening yellow mass in the upper pole.

**Case No. 3 - October 2014 B**

**Accession #31926**

**Tissue from: Left kidney**

**Clinical Abstract:**

A 6 year old girl had a large left renal mass and multiple pulmonary nodules.

**Gross Pathology:**

The 873 gram left kidney was 16 x 12 x 9.5 cm and contained confluent bulging masses that aggregated 11 x 5 x 2 cm.

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**Case No. 4 - October 2014 B**

**Accession #31940**

**Tissue from: Right kidney**

**Clinical Abstract:**

This 10 month-old baby girl had a renal mass.

**Gross Pathology:**

The resected kidney was 717 grams and 11 x 10 x 10 cm, distorted and nearly replaced by a bulging soft 11 cm diameter mass with focal areas of necrosis.

**Case No. 5 - October 2014 B**

**Accession #31901**

**Tissue from: Left kidney**

**Clinical Abstract:**

A 13 year-old girl had a left renal mass.

**Gross Pathology:**

The 2660 gram kidney was 24 x 20 x 9.5 cm and contained a 20 x 15 x 9.5 cm well-circumscribed rubbery white-tan mass.

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**Case No. 6 - October 2014 B**

**Accession #28811**

**Tissue from: Upper back**

**Clinical Abstract:**

A 3 year-old girl had a mass in her upper back.

**Gross Pathology:**

The excised mass was 5 x 5 x 3 cm.

**Case No. 7 - October 2014 B**

**Accession #31918**

**Tissue from: Left neck**

**Clinical Abstract:**

This 6 year-old boy had a deep neck mass involving the brachial plexus.

**Gross Pathology:**

The mass was removed in multiple fragments, aggregating 70 grams and with fragments up to 5 cm in greatest diameter.

Special studies:

Negative: S100, NFP

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**Case No. 8 - October 2014 B**

**Accession #28905**

**Tissue from: Mediastinum**

**Clinical Abstract:**

After one year of shoulder pain, this 11 year-old girl was found to have a collapsed left lung. A CT scan showed a left sided mass with calcification. A ruptured left-sided mediastinal mass was found at surgery.

**Gross Pathology:**

The 730 gram mass was 14.5 x 10 x 9 cm. The cut surface was variegated and multicystic with focal calcifications.

**Case No. 9 - October 2014 B**

**Accession #28685**

**Tissue from: Coccygeal region**

**Clinical Abstract:**

At routine vaginal delivery this full-term baby girl was found to have a previously unsuspected coccygeal mass. The mass displaced the anus anteriorly but did not produce obstruction. No other congenital anomalies were identified.

**Gross Pathology:**

The 540 gram resection specimen was 12.5 x 10 x 7.7 cm. The cut surface was tan-gray and lobulated with a spongy cystic cut surface. Solid areas varied from translucent to fibrous regions and bright yellow areas. There was focal calcification.

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**Case No. 10 - October 2014 B**

**Accession #31775**

**Tissue from: Nose**

**Clinical Abstract:**

A 16 year-old boy presented with nose bleeds and stuffiness.

**Gross Pathology:**

A 29 gram resection specimen was 5 x 3.5 x 3 cm and covered by a smooth mucosa. Cut surfaces were tan with areas of hemorrhage.