



CALIFORNIA  
TUMOR TISSUE REGISTRY

## **“GENERAL PATHOLOGY”**

**Study Cases, Subscription A**

**May 2009**



**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](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  
Amita T. Mistry, 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 (ec)**  
**Loma Linda, CA**

**Case No. 1 - May 2009 A**

**Tissue from: Skin of back**

**Accession #30842**

**Clinical Abstract:**

This 15 month old baby girl had a mass on her back.

**Gross Pathology:**

The 6 gram circular portion of skin had a 2 cm circular rubbery yellow-white nodule with a central white fibrous region.

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

**Case No. 2 - May 2009 A**

**Tissue from: Right ankle**

**Accession #30836**

**Clinical Abstract:**

This 24 year old woman complained of a painful mass on her right ankle.

**Gross Pathology:**

The 16 gram specimen consisted of multiple irregular fragments of yellow-tan firm tissue, forming a 4 x 4 x 2 cm aggregate.

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

**Case No. 3 - May 2009 A**

**Tissue from: Mandible**

**Accession #30901**

**Clinical Abstract:**

This is from a 16 year old boy.

**Gross Pathology:**

A 10 x 7 x 4.5 cm red-tan tumor was attached to thin pieces of bone. The cut surface of the mass was gritty and relatively homogeneous.

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

**Case No. 4 - May 2009 A**

**Tissue from: Right mandible**

**Accession #30841**

**Clinical Abstract:**

This is from a 55 year old woman.

**Gross Pathology:**

The 35 gram mandibular resection specimen showed a 4.5 cm lesion expanding the central portion.

**Contributor: Pamela Boswell, D.O.**  
**La Jolla, CA**

**Case No. 5 - May 2009 A**

**Tissue from: Brain**

**Accession #30997**

**Clinical Abstract:**

This 28 year old woman presented with seizures and a first trimester miscarriage. Work up showed a large intraventricular mass.

**Gross Pathology:**

The 16.9 gram, 4.5 x 2.5 x 3.5 cm specimen consisted of gray-white tissue.

**Special Studies:**

Positive: EMA (weak); PR weakly positive in 5-10% of nuclei

Negative: ER, CD34, GFAP

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**Contributor: Alexandra Reichman, M.D.**  
**Marysville, CA**

**Case No. 6 - May 2009 A**

**Tissue from: Mediastinum**

**Accession #30987**

**Clinical Abstract:**

During work up for an eventual laparoscopic cholecystectomy, this 45 year old woman was found to have a large mediastinal mass.

**Gross Pathology:**

The 421 gram firm encapsulated mass was 14.5 x 8.5 x 6.0 cm with an attached portion of pericardium.

**Contributor: Pamela Boswell, D.O.**  
**La Jolla, CA**

**Case No. 7 - May 2009 A**

**Tissue from: Mediastinum**

**Accession #30937**

**Clinical Abstract:**

A 44 year old woman presented with shortness of breath and was found on CT scan to have a large mediastinal mass. She had had Hodgkin disease 28 years earlier and had had breast carcinoma 6 years prior to this current presentation.

**Gross Pathology:**

The 2126 gram thinly encapsulated specimen was 33 x 25 x 10 cm and had a yellow-tan cut surface interspersed with small stellate regions of solid gray tissue.

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**Contributor: Peter Morris, M.D.**  
**Santa Barbara, CA**

**Case No. 8 - May 2009 A**

**Tissue from: Left ovary**

**Accession #30890**

**Clinical Abstract:**

A 56 year old woman, gravida 1 para 1, was found to have elevated testosterone and a left ovarian mass.

**Gross Pathology:**

The 3.5 x 3.2 x 2.6 cm ovary was completely replaced by a nodular golden-yellow mass.

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

**Case No. 9 - May 2009 A**

**Tissue from: Right ovary**

**Accession #30914**

**Clinical Abstract:**

A 30 year old woman had a right ovarian mass.

**Gross Pathology:**

The 1660 gram ovary was replaced by a 21 x 14.8 x 9.6 cm yellow-tan to brown mass with both solid and cystic areas.

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**Contributor: Mark Carter, M.D.  
Chico, CA**

**Case No. 10 - May 2009 A**

**Tissue from: Placenta**

**Accession #30824**

**Clinical Abstract:**

A 21 year old woman with diabetes mellitus delivered at 40+ weeks gestation.

**Gross Pathology:**

The circular placenta was 18 x 15 x 2.5. The umbilical cord had 3 vessels and inserted about 4 cm from the nearest margin. The maternal side of the placenta was intact. Beneath the fetal surface was a 3 cm diameter area of hemorrhagic discoloration.