



CALIFORNIA
TUMOR TISSUE REGISTRY

“GENERAL PATHOLOGY”

Study Cases, Subscription A

May 2008



California Tumor Tissue Registry
c/o: Department of Pathology and Human Anatomy
Loma Linda University School of Medicine
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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 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 (wc)
Loma Linda, CA**

Case No. 1 - May 2008 A

Tissue from: Right adrenal gland

Accession #30719

Clinical Abstract:

Work up for significantly elevated blood pressure in a 50 year old man found, by CT scan, a right adrenal mass.

Gross Pathology:

The 74 gram, 9.8 x 6.5 x 2.5 cm adrenal gland contained a 2.5 x 2.5 x 2.0 cm tan tumor with focal areas of hemorrhage.

Special Studies:

Positive: Chromogranin, Synaptophysin
Negative: S100

**Contributor: David M. Lawrence, M.D.
Santa Maria, CA**

Case No. 2 - May 2008 A

Tissue from: Right eighth rib

Accession #30636

Clinical Abstract:

A 42 year old woman presented with hematuria, later assessed as menstrual artifact. During work-up, a pleural-based mass was noted in her right eighth rib.

Gross Pathology:

The resected mass was 6 cm in diameter, discrete and oval, extending from the rib into the chest cavity.

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

Case No. 3 - May 2008 A

Tissue from: Small bowel & mesentery

Accession #30569

Clinical Abstract:

A 61 year old woman presented with small bowel obstruction and underwent resection of her small bowel and mesentery.

Gross Pathology:

Not available

Special Studies:

Positive: CD20 , CD79a, CD20, Bcl-2

Negative: CD30, CD3, nuclear Tdt, CD5, CD23, Cyclin D1 (Bcl-1)

Contributor: John Sacoolidge, M.D.
Sylmar, CA

Case No. 4 - May 2008 A

Tissue from: Back

Accession #30279

Clinical Abstract:

This 41 year old man had a history of an abdominal tumor and presented with a mass in his back.

Gross Pathology:

The 217 gram resection specimen included a 5 x 1.5 cm ellipse of skin with an underlying 10 x 2.5 x 1.5 cm portion of soft tissue and 6.5 x 3.5 x 2 cm portion of muscle. Beneath these tissues was a 9.5 x 5 x 4 cm mass with pale yellow glistening cut surfaces having central necrosis.

Special Studies:

Positive: CD68, CD117

Negative: CD34, Chromogranin, Synaptophysin

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

Case No. 5 - May 2008 A

Tissue from: Parotid

Accession #30600

Clinical Abstract:

For five months, this 47 year old man had noted an enlarging mass at the angle of his jaw on the right side. He denied any weight loss, fever, chills or night sweats.

Gross Pathology:

The resected parotid gland contained a 2.5 x 2.2 x 2.0 cm multicystic mass with solid, fish-flesh areas at the periphery and gelatinous to viscid pale yellow-white material in the center.

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

Case No. 6 - May 2008 A

Tissue from: Parotid

Accession #30690

Clinical Abstract:

An 81 year old man had noted right neck swelling for five months.

Gross Pathology:

The 103 gram resection specimen included a 7 cm long ellipse of skin with a 9.5 x 6.0 x 2.0 cm underlying lobular portion of soft tissue. The cut surface showed a 4.5 x 3.4 x 3.1 cm yellow-tan tumor with areas of hemorrhage.

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

Case No. 7 - May 2008 A

Tissue from: Left ovary

Accession #30729

Clinical Abstract:

A 73 year old woman presented with an enlarging pelvic mass.

Gross Pathology:

The 2025 gram left ovary was 27 x 20 x 20 cm, with a multiloculated cystic cut surface.

**Contributor: Robert H. Zuch, M.D.
Baldwin Park, CA**

Case No. 8 - May 2008 A

Tissue from: Left Buttock

Accession #30527

Clinical Abstract:

A 59 year old man had a mass in his left buttock.

Gross Pathology:

Not available.

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

Case No. 9 - May 2008 A

Tissue from: Sigmoid mesentery

Accession #30610

Clinical Abstract:

A 47 year old woman presented with an intra-abdominal mass.

Gross Pathology:

Multiple fragments of white-tan mucoid tissue formed a 22 gram, 6.5 x 5.5 x 3.0 cm aggregate.

Special Studies:

Positive: Vimentin, pancytokeratin, SMA, CD99, Bcl-2, desmin (focal), CD10 (focal)

Negative: S100, HMB-45, CD34, CD117

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

Case No. 10 - May 2008 A

Tissue from: Left kidney

Accession #30689

Clinical Abstract:

A 44 year old man was found to have a mass in his left kidney.

Gross Pathology:

The 802 gram, 19 x 16 x 10 cm nephrectomy specimen showed a mass bulging from the kidney. The cut sections showed a 10 x 5 x 5 cm discrete but unencapsulated tan-brown mass in the upper pole. The tumor lacked a central stellate scar but showed scattered small foci of fibrosis and hemorrhage.

Special Studies:

Positive: Hale's colloidal iron, CK-7

Negative: Vimentin