



CALIFORNIA
TUMOR TISSUE REGISTRY

“SOFT TISSUE PATHOLOGY”

Study Cases, Subscription B

January 2014



California Tumor Tissue Registry
c/o: Department of Pathology and Human Anatomy
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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:

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 - January 2014 B

Accession #31587

Tissue from: Chest wall

Clinical Abstract:

A 27 year-old woman was found to have a right-sided chest wall mass.

Gross Pathology:

The 121 gram, 10.5 x 9.3 x 4.2 cm specimen consisted of four ribs with a 7 x 6 x 4 cm mass extending between the ribs protruding into the pleural space. The cut surface showed a whorled tumor without necrosis or hemorrhage.

Special Studies:

Positive: Vimentin, Smooth muscle actin, beta-catenin

Negative: Desmin, Caldesmon

Case No. 2 - January 2014 B

Accession #31592

Tissue from: Right leg

Clinical Abstract:

This 78 year-old man presented with a pathologic fracture of his right leg.

Gross Pathology:

The 482 gram resection specimen included a 15 cm long ellipse of skin and an 11 cm long segment of bone. Within the intervening soft tissue was an 11 cm long tan lobular tumor with regions of necrosis.

Case No. 3 - January 2014 B

Accession #31484

Tissue from: Left side of neck

Clinical Abstract:

This 62 year-old man presented with a left neck mass.

Gross Pathology:

The resected mass was 3 x 2.5 x 2 cm with tan-brown cut surfaces.

Special Studies:

Positive: Smooth muscle actin, Desmin

Case No. 4 - January 2014 B

Accession #31505

Tissue from: Right inguinal region

Clinical Abstract:

This 68 year-old man underwent a right inguinal hernia repair at which time a mass was resected.

Gross Pathology:

The 260 gram mass was 14 x 7 x 6 cm with a mottle yellow-tan cut surface.

Special Studies:

Positive: CD34 (focal)

Negative: Cytokeratin, S100, actin, CD117

Case No. 5 - January 2014 B

Accession #31574

Tissue from: Right breast

Clinical Abstract:

This 26 year-old woman noted a mass in her right breast.

Gross Pathology:

The 741 gram mastectomy specimen contained a poorly defined 10 cm diameter hemorrhagic mass.

Case No. 6 - January 2014 B

Accession #31659

Tissue from: Left foot

Clinical Abstract:

This 81 year-old man noticed a rapidly grown exophytic mass on the plantar aspect of his left foot, enlarging over the previous month.

Gross Pathology:

Not available.

Case No. 7 - January 2014 B

Accession #31683

Tissue from: Right heel

Clinical Abstract:

This 29 year-old man was found to have a right heel mass.

Gross Pathology:

The 570 gram 15 x 9 x 9 cm specimen contained a 14 x 7 x 7 cm gelatinous, tan to dark red mass.

Case No. 8 - January 2014 B

Accession #31595

Tissue from: Posterior mediastinum

Clinical Abstract:

This 45 year-old woman was found to have a left-sided posterior mediastinal mass.

Gross Pathology:

The 144 gram, 8 x 7 x 6 cm mass was well-circumscribed, solid, white, without necrosis or hemorrhage and had a intact pleura over one surface.

Case No. 9 - January 2014 B

Accession #31575

Tissue from: Right side of neck

Clinical Abstract:

A 40 year-old woman had a mass in her right neck.

Gross Pathology:

The 11 gram, 4 x 3 x 2 cm ovoid mass was tan and trabeculated with foci of hemorrhage.

Case No. 10 - January 2014 B

Accession #31582

Tissue from: Retroperitoneum

Clinical Abstract:

A 7 year-old boy was found to have a retroperitoneal mass.

Gross Pathology:

The 497 gram mass was 15 x 12 x 8 cm. The cut surface showed homogeneous glistening yellow-tan parenchyma.