

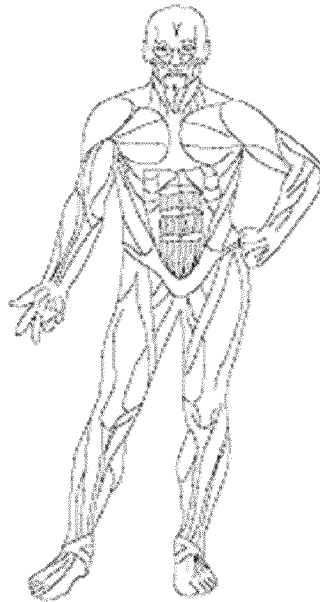


**CALIFORNIA
TUMOR TISSUE REGISTRY**

“SOFT TISSUE PATHOLOGY”

Study Cases, Subscription B

October 2010



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
Web page: www.cttr.org
Web site & Case of the Month: www.cttr.org

Target audience:

Practicing pathologists and pathology residents.

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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: Chester A. Spears, M.D.
Sikeston, MO**

Case No. 1 - October 2010 B

Tissue from: Small bowel mesentery

Accession #31259

Clinical Abstract:

A 66 year old man with achondroplastic dwarfism was found to have a mesenteric mass.

Gross Pathology:

The 23 x 6 x 4 cm small bowel resection specimen contained a 6 x 5 x 5 cm gray-tan mesenteric mass.

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

Case No. 2 - October 2010 B

Tissue from: Omentum

Accession #31014

Clinical Abstract:

During work-up for vague abdominal pain, this 72 year old man, with a history of chronic lymphocytic leukemia, was found to have an intraabdominal mass.

Gross Pathology:

The 9.5 x 7.8 x 3.2 cm irregular lobulated portion of omentum was partially replaced by gelatinous pink-tan tissue.

Special Studies:

Positive: CD117, CD34

Negative: Desmin, S100, Cytokeratin

**Contributor: Catherine Odell, M.D.
Riverside, CA**

Case No. 3 - October 2010 B

Tissue from: Soft tissue of back

Accession #30853

Clinical Abstract:

A 39 year old woman noticed a mass in her back while doing yard work.

Gross Pathology:

The specimen consisted of a 5 x 4 x 2 cm thinly encapsulated homogeneous pink-yellow mass.

**Contributor: Elham Khanifar, M.D.
Long Beach, CA**

Case No. 4 - October 2010 B

Tissue from: Back of neck

Accession #31016

Clinical Abstract:

A 59 year old man had a 2 year history of a lump in the back of his neck. It was non-tender but was gradually increasing in size. At surgery, the mass was easily mobilized and bluntly dissected from surrounding tissues.

Gross Pathology:

The 35 gram, 5 x 4.5 x 3 cm globoid red mass had a gelatinous yellow-pink cut surface, with no areas of hemorrhage or necrosis.

Special Studies:

Positive: CD34

Negative: S100

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

Case No. 5 - October 2010 B

Tissue from: Chest wall

Accession #31193

Clinical Abstract:

This 18 year old woman presented with a few months history of a growing mass on her right anterior chest wall. It was painless, non-tender and showed no erythema.

Gross Pathology:

The 11 x 10 cm mass had a gritty, granular myxoid cut surface.

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

Case No. 6 - October 2010 B

Tissue from: Right mainstem bronchus

Accession #31194

Clinical Abstract:

This 75 year old woman presented with difficulty breathing and hemoptysis. CT scan showed a mass involving the mainstem bronchus and associated major vessels. A right segmental pneumonectomy was performed

Gross Pathology:

The mass was 7 cm in diameter.

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

Case No. 7 - October 2010 B

Tissue from: Intraabdominal mass

Accession #31110

Clinical Abstract:

Two years after a bladder resection for malignancy, this 4 year old boy was found to have a recurrent abdominal mass.

Gross Pathology:

The 87 gram composite resection of colon included an 8 x 6.5 x 5 cm lobular white mass which did not grossly invade the colon wall. The cut surface showed white whorled parenchyma without hemorrhage or necrosis.

Special Studies:

Positive: Desmin

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

Case No. 8 - October 2010 B

Tissue from: Right calf

Accession #31298

Clinical Abstract:

A 57 year old woman present with a mass in her right calf.

Gross Pathology:

The 489 gram, 18 x 7 x 4 cm en bloc resection from the lower extremity included portions of fibula and tibia with associated skin and soft tissue. Deep to the skin was a 10 x 4 x 4 cm friable hemorrhagic mass with a central myxomatous region.

Special Studies:

Positive: Keratin cocktail, CAM 4.2, Inhibin, Vimentin

Negative: S100, Desmin, Myogenin, CD34, CK5/6, TTF-1, CD31

Contributor: John P. Blanchard, M.D.
Santa Barbara, CA

Case No. 9 - October 2010 B

Tissue from: Left upper arm

Accession #22750

Clinical Abstract:

This 34 year old man complained of a recurrent mass in his left upper arm.

Gross Pathology:

A 40 gram, 5 x 5 x 4 cm irregular specimen contained a 4 x 2.5 cm lobular mass with a dense firm gray cut surface.

Contributor: Richard N. Snyder, M.D.
Los Angeles, CA

Case No. 10 - October 2010 B

Tissue from: Omentum

Accession #22702

Clinical Abstract:

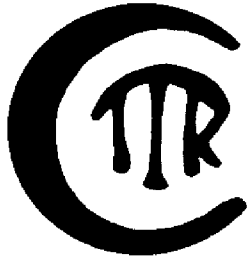
This 59 year old woman complained of progressive weight loss and was found to have an abdominal mass. At laparotomy, there were numerous gray-white plaques and nodules on the omentum and peritoneal surfaces.

Gross Pathology:

The multiple portions of omentum ranged from 2 to 3 cm in greatest diameter.

Special Studies:

Positive: Cytokeratin cocktail, Calretinin

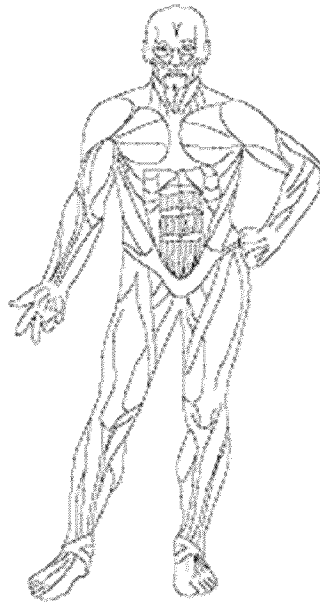


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Riverside, CA**

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Tissue from: Soft tissue of back

Accession #30853

Clinical Abstract:

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Gross Pathology:

The specimen consisted of a 5 x 4 x 2 cm thinly encapsulated homogeneous pink-yellow mass.

**Contributor: Elham Khanifar, M.D.
Long Beach, CA**

Case No. 4 - October 2010 B

Tissue from: Back of neck

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Clinical Abstract:

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Special Studies:

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Tissue from: Right calf

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A 40 gram, 5 x 5 x 4 cm irregular specimen contained a 4 x 2.5 cm lobular mass with a dense firm gray cut surface.

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Case No. 10 - October 2010 B

Tissue from: Omentum

Accession #22702

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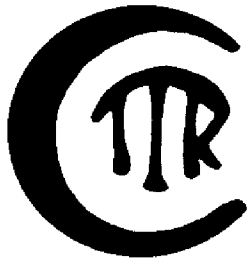
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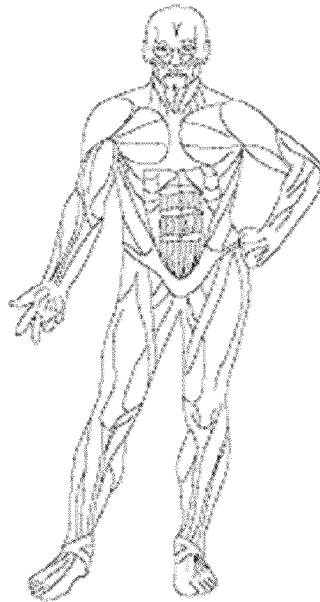


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