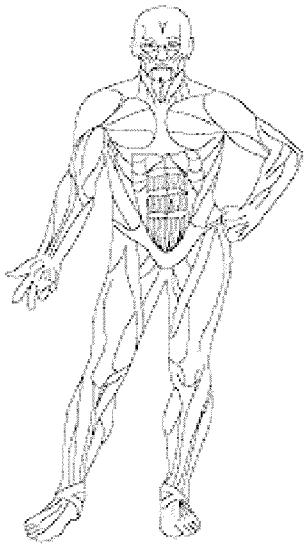
CALIFORNIA
TUMOR TISSUE REGISTRY

"Soft Tissue Tumors"

Study Cases, Subscription A

April, 2007



California Tumor Tissue Registry
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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 Credit:
Loma Linda University School of Medicine designates this continuing medical education activity for up to 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: Hrag Marganian, M.D. **Case No. 1 - April 2007 A**
Anaheim, CA

Tissue from: Left hip **Accession #30244**

Clinical Abstract:
This 77 year old woman present with a right hip mass, near the site of a hip replacement done twelve years earlier.

Gross Pathology:
The 8 x 6.5 x 2 cm specimen had a variegated tan cut surface with areas of hemorrhage and foci of fatty tissue.

Contributor: Mark Janssen, M.D. **Case No. 2 - April 2007 A**
Anaheim, CA

Tissue from: Skin of right upper back **Accession #30220**

Clinical Abstract:
A 48 year old man had notice a nodule on his right upper back for about 3 years.

Gross Pathology:
A skin ellipse covered a 3.5 x 3.5 x 2.3 cm homogeneous white tan nodule.

Special Studies:
CD34: Strongly positive
S100, SMA: Negative

Contributor: Sheldon Miller, M.D. **Case No. 3 - April 2007 A**
Oxnard, CA

Tissue from: Left buttock **Accession #30367**

Clinical Abstract:
A 49 year old woman noted a large mass on her left buttock. No other personal or family history is available.

Gross Pathology:
A 12 x 4 x 4 cm irregular specimen showed fatty tissue with intervening strands of white fibrous tissue

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Contributor: Albert Garib, M.D. **Case No. 4 - April 2007 A**
Huntington Beach, CA

Tissue from: Right knee **Accession #30143**

Clinical Abstract:
A 36 year old man noted a mass on his right knee.

Gross Pathology:
The 10 gram oval mass was 4.5 x 3 x 2.4 cm. The cut surface showed a thin-walled capsule surrounding gelatinous yellow material.

Special Studies:
S100: Strongly positive

Contributor: Jin Mei, M.D. **Case No. 5 - April 2007 A**
Hangzhou, China

Tissue from: Supraclavicular region **Accession #30331**

Clinical Abstract:
A 31 year old man presented with a left supraclavicular mass, noted for about 10 days.

Gross Pathology:
The 4 x 2.8 x 2 cm encapsulated nodule had a gray-yellow cut surface.

Contributor: Arthur Koehler, M.D. **Case No. 6 - April 2007 A**
Sun Valley, CA

Tissue from: Right thigh **Accession #30335**

Clinical Abstract:
This 36 year old woman noted a mass in her right thigh.

Gross Pathology:
The resection specimen was 9 x 5 x 3.5 cm.

Special Studies:
S100: Strongly positive
Desmin, keratin: Negative

Contributor: Kenneth Frankel, M.D. **Case No. 7 - April 2007 A**
Glendale, CA

Tissue from: Retroperitoneum **Accession #29186**

Clinical Abstract:
This 65 year old man was found to have a large retroperitoneal mass.

Gross Pathology:
The 9,200 gram specimen was 41 x 35 x 14 cm. The cut surface was homogeneous yellow-brown, without lobulation or nodularity.

Contributor: Robert Zuch, M.D. **Case No. 8 - April 2007 A**
Baldwin Park, CA

Tissue from: Right knee **Accession #30395**

Clinical Abstract:
A 40 year old man complained of a large mass surrounding his right knee.

Gross Pathology:
The specimen consisted of a 10 cm aggregate of ragged brown-tan friable tissue fragments.

Special Studies:
Positive: Pancytokeratin, CK7, EMA, Vimentin
Negative: CD20, S100, SMA, MSA, Desmin
Cytogenetic analysis: Translocation t(X;18) (p11.2;q11.2)
Gain of a derivative X chromosome
Additional material on the short arm (p) of chromosome 1
Loss of one chromosome 18

Contributor: Lester Thompson, M.D. **Case No. 9 - April 2007 A**
Woodland Hills, CA

Tissue from: Neck **Accession #30374**

Clinical Abstract:

A 69 year old man presented with a 2-3 year history of a slowly enlarging mass in the posterior neck. The mass was soft and mobile to palpation.

Gross Pathology:

The resected mass was well circumscribed but not encapsulated.

Special Studies:

CD34: positive

Contributor: Walid Salahi, M.D. **Case No. 10 - April 2007 A**
Van Nuys, CA

Tissue from: Right forearm **Accession #30152**

Clinical Abstract:

This 60 year old man noted a mass on his right forearm.

Gross Pathology:

The 4.8 x 4 x 3.2 cm encapsulated ovoid mass had a solid tan whorled cut surface.

Special Studies:

Negative: HMB45, S100, Keratin
Positive: SMA, vimentin, desmin