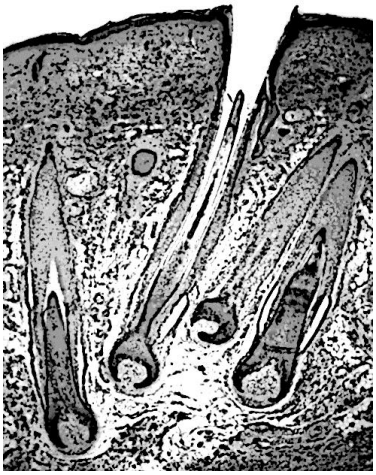
CALIFORNIA
TUMOR TISSUE REGISTRY

"DERMATOLOGIC PATHOLOGY"

Study Cases, Subscription B

April 2015



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.

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 - April 2015 B **Accession #31716**

Tissue from: Left ear

Clinical Abstract:

This 16 year-old boy had bilateral distortion of his external ear.

Gross Pathology:

The 11 gram specimen consisted of a 3.8 x 2.6 x 1.5 cm fleshy epithelialized appendage with an oval resection base. The cut surface was densely fibrotic. There were no ulcers.

Case No. 2 - April 2015 B **Accession #25972**

Tissue from: Neck

Clinical Abstract:

A 39 year-old woman presented with a mass on the back of her neck, interpreted as a cyst.

Gross Pathology:

The ovoid multilobulated specimen was 4.8 x 3.2 x 2.6 cm with a homogeneous white center.

Case No. 3 - April 2015 B **Accession #28969**

Tissue from: Right shoulder

Clinical Abstract:

A 74 year-old man complained of a right shoulder mass.

Gross Pathology:

The 6 x 2.5 cm skin ellipse had a 2.5 x 2.2 cm raised well-circumscribed yellow-white sub epidermal nodule.

Case No. 4 - April 2015 B **Accession #31590**

Tissue from: Perineum

Clinical Abstract:

This 31 year-old man had a large mass on his perineal skin.

Gross Pathology:

The 340 gram resection specimen was 15 x 5.5 cm and 8 cm thick. It contained a 12 x 4 cm irregular fungating white mass with a center ulcer.

Case No. 5 - April 2015 B **Accession #31959**

Tissue from: Right leg

Clinical Abstract:

A 72 year-old man had a mass in the skin near his right knee.

Gross Pathology:

The 170 gram skin ellipse was 14 x 8 cm and had a central 8 x 5.5 x 4 cm exophytic mass.

Special Studies:

Positive: Synaptophysin, CK cocktail (patchy, dot-like), CK20 (patchy, dot-like), CD56 (diffuse)

Negative: CD45, S100, Melanoma cocktail

Case No. 6 - April 2015 B **Accession #30647**

Tissue from: Left heel

Clinical Abstract:

This 71 year-old man had a mass on his left heel.

Gross Pathology:

The 41 gram ellipse of skin was 6.5 x 5 cm with a central 2.5 x 2 x 0.8 cm raised brown-black nodule.

Special Studies:

Positive: S100, HMB45

Case No. 7 - April 2015 B **Accession #31598**

Tissue from: Thigh

Clinical Abstract:

A 47 year-old woman presented with anemia from GI bleeding and partial bowel obstruction. She had an ulcerated mass on her left thigh. Metastatic tumor to her small bowel required multiple segmental jejunal resections.

Gross Pathology:

The 660 gram skin resection specimen was 24 x 12.5 cm and had a 9.5 x 8.5 cm yellow-tan necrotic mass showing focal brown discoloration.

Case No. 8 - April 2015 B **Accession #31573**

Tissue from: Scalp

Clinical Abstract:

This 83 year-old man had an exophytic mass on the vertex of his scalp.

Gross Pathology:

The 11.8 gram ellipse was 5 x 4 x 0.4 cm and contained a 2.7 cm diameter mass.

Special Studies:

Positive: SMA in smooth muscle components
Negative: Desmin, Melanoma cocktail, S100

Case No. 9 - April 2015 B **Accession #30731**

Tissue from: Right axilla

Clinical Abstract:

A 100 year-old man presented to a mission hospital with an ulcerate axillary mass.

Gross Pathology:

The ovoid skin excision was 4 x 2.5 x 1.5 cm and had a central 2.5 x 1.8 cm raised ulcerated red-tan nodular tumor.

Case No. 10 - April 2015 B **Accession #26835**

Tissue from: Neck

Clinical Abstract:

This 61 year-old woman complained of a soft tissue swelling in her right neck, just slightly anterior to the ear. Radiographically there was no calcification and no cystic change.

Gross Pathology:

The white-tan skin ellipse was 2.5 x 2.5 x 1.2 cm. The excised subcutaneous tissue was pink-tan, soft and fleshy.