



CALIFORNIA
TUMOR TISSUE REGISTRY

“GENERAL PATHOLOGY”

Study Cases, Subscription B

January 2009



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:

Donald R. Chase, MD
Amita T. Mistry, 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: Pamela Boswell, D.O.
La Jolla, CA**

Case No. 1 - January 2009 B

Tissue from: Skin of toe

Accession #30880

Clinical Abstract:

A 65 year old woman complained of a cyst on her left great toe.

Gross Pathology:

An encapsulated pink-tan cystic mass was 2.2 x 1.2 x 0.7 cm, surmounted by a 1.2 cm portion of skin.

**Contributor: Anthony Migler, M.D.
Oxnard, CA**

Case No. 2 - January 2009 B

Tissue from: Skin of neck

Accession #30919

Clinical Abstract:

A 45 year old man had a cystic mass removed from the left side of his neck.

Gross Pathology:

Not available.

**Contributor: Pamela Boswell, D.O.
La Jolla, CA**

Case No. 3 - January 2009 B

Tissue from: Right breast

Accession #30866

Clinical Abstract:

A 90 year old woman was found to have a mass in the 10 o'clock position of her right breast.

Gross Pathology:

The partial mastectomy specimen contained a 2.2 x 1.8 x 1.5 cm mass.

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

Case No. 4 - January 2009 B

Tissue from: Right ovary

Accession #30930

Clinical Abstract:

This 14 year old girl was found to have a pelvic mass.

Gross Pathology:

The 2600 gram, 24 x 18 x 12 cm ovary was replaced by a gray-tan firm mass with focal hemorrhage.

Special Studies:

Positive: Placental alkaline phosphatase, CD117

Negative: Cytokeratin cocktail, alpha-fetoprotein

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

Case No. 5 - January 2009 B

Tissue from: Bilateral ovaries

Accession #30926

Clinical Abstract:

This 51 year old woman presented with increasing abdominal girth and was found to have bilateral ovarian masses. No other history was provided.

Gross Pathology:

The left ovary weighed 118 grams and was 9.5 x 5.5 x 3.5 cm. The cut surface was homogeneous gray-tan and mucoid appearing. The right ovary weighed 195 grams and included a 9.5 x 5.5 x 3.5 cm pink-tan lobulated nodule which had a gray-tan mucoid cut surface.

Special Studies:

Positive: CK7, CK20, cytokeratin cocktail

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

Case No. 6 - January 2009 B

Tissue from: Right ovary

Accession #30896

Clinical Abstract:

After five years of following a gradually enlarging ovarian cyst, this 48 year old morbidly obese woman decided to proceed to surgery, after an intentional weight loss of 30 pounds. She was gravida 2, cesarean section 2. She had had multiple D&C's for abnormal uterine bleeding.

Gross Pathology:

The right ovary was large, multilobated, cystic containing serous type fluid.

Special Studies:

Positive: CK7, CK17

Negative: Inhibin, caldesmin, pan-melanoma, placental alkaline phosphatase, RCC, CDX2, CK20

**Contributor: Pamela Boswell, D.O.
La Jolla, CA**

Case No. 7 - January 2009 B

Tissue from: Right Fallopian tube

Accession #30874

Clinical Abstract:

A 55 year old woman was found to have a right pelvic mass, localized to the Fallopian tube.

Gross Pathology:

The distal portion of the Fallopian tube was distorted and replaced by a 4.5 x 2.5 x 2.0 cm firm white mass.

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

Case No. 8 - January 2009 B

Tissue from: Jejunum

Accession #30931

Clinical Abstract:

A 47 year old woman had an abdominal mass.

Gross Pathology:

A 600 gram composite resection included tail of pancreas, spleen and attached proximal jejunum. Between the jejunum and pancreas was a 7.0 x 4.0 x 4.0 cm mass with central hemorrhage and cystic degeneration. The mass was attached to the muscle of the jejunum but did not involve the jejunal mucosa, pancreas or spleen.

Special Studies:

Positive: CD117

**Contributor: Julio Ibarra, M.D.
Fountain Valley, CA**

Case No. 9 - January 2009 B

Tissue from: Stomach

Accession #30907

Clinical Abstract:

An 83 year old woman had an abdominal mass.

Gross Pathology:

A 4.2 x 2.7 x 2.0 cm lobulated well circumscribed mass was attached to the wall of the stomach.

Special Studies:

Positive: CD117

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

Case No. 10 - January 2009 B

Tissue from: Left kidney

Accession #30950

Clinical Abstract:

This 3 year old boy had a left renal mass.

Gross Pathology:

The 554 gram, 10.5 x 10.0 x 8.0 specimen included a 10 cm tumor compressing the residual kidney. The well circumscribed tumor was firm, solid and white-tan with intermixed areas of hemorrhage and necrosis.