

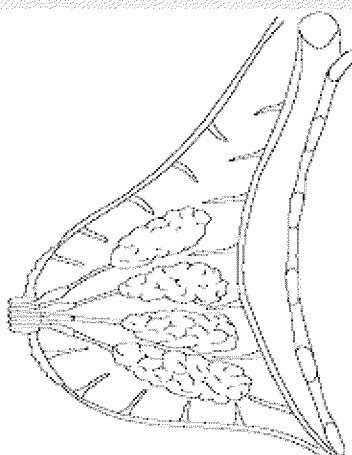


**CALIFORNIA
TUMOR TISSUE REGISTRY**

“BREAST PATHOLOGY”

Study Cases, Subscription B

March 2013



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 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: J. Phillips, M.D.
Fresno, CA**

Case No. 1 - March 2013 B

Tissue from: Right breast

Accession #13116

Clinical Abstract:

For about a year, this 13 year-old girl had noticed a mass in her right breast. It was irregular, hard and freely moveable. There was no tenderness or redness.

Gross Pathology:

The 96 gram resected mass was 9 x 6 x 6 cm and had a multilobulated papillary and mucinous gray-tan cut surface.

**Contributor: Sheldon A. Miller, M.D.
Loma Linda, CA**

Case No. 2 - March 2013 B

Tissue from: Left breast

Accession #26823

Clinical Abstract:

This 54 year-old woman had a left breast mass.

Gross Pathology:

The 6 x 3 cm resected mass was firm and multinodular.

Contributor: Paul R. Thompson, M.D.
Pasadena, CA

Case No. 3 - March 2013 B

Tissue from: Right breast

Accession #12922

Clinical Abstract:

A 46 year-old woman noticed a painless lump in her right breast. It was freely moveable but the overlying skin was slightly reddened.

Gross Pathology:

The resected mass was 5.8 cm in greatest diameter. The bulging cut surface showed prominent clefts and regions of hemorrhage.

Contributor: Louis Sarbeck, M.D.
Tallahassee, FL

Case No. 4 - March 2013 B

Tissue from: Right breast

Accession #31512

Clinical Abstract:

A 73 year-old man had a right breast mass.

Gross Pathology:

The cystic resected mass was 1 cm in diameter.

**Contributor: Peter Morris, M.D.
Santa Barbara, CA**

Case No. 5 - March 2013 B

Tissue from: Right breast

Accession #31427

Clinical Abstract:

This 62 year-old woman presented with a right breast mass.

Gross Pathology:

The 55 gram lumpectomy specimen was 6 x 5.5 x 4 cm and showed a solid parenchyma of fused pink-white nodules.

Special Studies:

Positive: CD34, desmin (focal), vimentin, calponin (focal)

Negative: AE1/AE3, CAM 5.2

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

Case No. 6 - March 2013 B

Tissue from: Left breast

Accession #30799

Clinical Abstract:

A 65 year-old woman had a left breast mass.

Gross Pathology:

The 1600 gram mastectomy specimen had an 11 x 6 x 5 cm poorly circumscribed mass composed of firm yellow-tan tissue with interspersed fibrous bands. The tumor appeared to involve all four quadrants.

Contributor: Anthony Mathios, M.D.
San Francisco, CA

Case No. 7 - March 2013 B

Tissue from: Right breast

Accession #19911

Clinical Abstract:

For 10 months, this 40 year-old woman had noticed a right breast mass. About five months prior to presentation, she noted a milky white fluid exuding from the nipple.

Gross Pathology:

Within the mastectomy specimen was a 7 x 7 cm firm nodular mass with an oily cut surface.

Contributor: E. R. Jennings, M.D.
Long Beach, CA

Case No. 8 - March 2013 B

Tissue from: Right breast

Accession #18396

Clinical Abstract:

This 28 year-old woman first noticed a mass in her right breast during the last month of her pregnancy. Post-partum, it did not regress. Family history revealed that her mother had had breast cancer.

Gross Pathology:

The mastectomy specimen contained a 7.5 x 5.5 x 4 cm fairly well circumscribed bulging tumor composed of light tan tissue.

**Contributor: Kenneth Frankel, M.D.
Covina, CA**

Case No. 9 - March 2013 B

Tissue from: Right breast

Accession #23279

Clinical Abstract:

An 85 year-old woman presented with a right breast mass, replacing the nipple.

Gross Pathology:

The nipple of the mastectomy specimen was replaced by a 3.5 x 3.5 x 2.5 cm firm gray tumor. Additional sectioning of the specimen showed a 6.5 cm irregular, well delineated pale tan mucoid-appearing mass.

**Contributor: Kenneth Frankel, M.D.
Covina, CA**

Case No. 10 - March 2013 B

Tissue from: Right breast

Accession #23908

Clinical Abstract:

This 56 year-old woman had a three-month history of a rapidly enlarging breast mass.

Gross Pathology:

The biopsy specimen consisted of multiple fragments of lobular firm gray to light tan tissue, forming an 8.5 x 2.5 cm aggregate. Subsequent mastectomy did not show residual tumor.