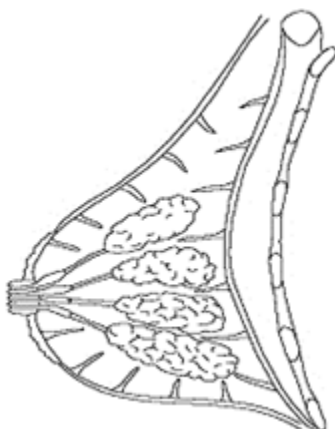


CALIFORNIA
TUMOR TISSUE REGISTRY

“BREAST PATHOLOGY”

Study Cases, Subscription A

February 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
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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 - February 2015 A

Accession #28264

Tissue from: Left breast

Clinical Abstract:

A 48 year-old woman had a gradually enlarging left breast without a distinct palpable mass.

Gross Pathology:

The 15 x 7 x 1 cm specimen had multiple cystic areas up to 2.5 cm in greatest diameter.

Special Studies:

CD34/HFVIII: Strongly + inslit-like stromal elements

Case No. 2 - February 2015 A

Accession #28185

Tissue from: Left breast

Clinical Abstract:

A 29 year-old woman had a one-year history of a left breast mass which was becoming larger, harder and more tender.

Gross Pathology:

The lumpectomy specimen had a 1.1 cm diameter well-circumscribed spongy tan mass.

Case No. 3 - February 2015 A

Accession #29250

Tissue from: Breast

Clinical Abstract:

A 65 year-old woman noticed a breast mass, which was excised.

Gross Pathology:

The 23 x 20 x 5 cm resection specimen contained a 5 x 4.7 x 4 cm hemorrhagic and focally cystic mass.

Case No. 4 - February 2015 A

Accession #31721

Tissue from: Left breast

Clinical Abstract:

This 72 year-old woman was found to have a left breast mass.

Gross Pathology:

The 324 gram, 19 x 12 x 4 cm mastectomy specimen contained a 3 x 2 x 2 cm circumscribed tumor.

Special Studies:

Synaptophysin: Rare focal positivity

Chromogranin: Negative

Case No. 5 - February 2015 A

Accession #31725

Tissue from: Left breast

Clinical Abstract:

This 47 year-old woman presented with a palpable mass in her left breast.

Gross Pathology:

The 7 x 5 x 3.5 cm needle-guided lumpectomy specimen contained a 2.2 x 0.5 x 0.3 cm rubbery gray-white mass.

Special Studies:

Beta Caterin/CD34: positive

P53/Oscar/SMMHC: negative

Case No. 6 - February 2015 A

Accession #25105

Tissue from: Left breast

Clinical Abstract:

This 64 year-old man had a history of alcoholism and developed left sided gynecomastia. A right breast mass had been removed 4 years earlier.

Gross Pathology:

The disc-shaped smooth-surfaced resection specimen was 2 x 2 x 0.7 cm and had a somewhat lobulated cut surface.

Tissue from: Breast

Clinical Abstract:

A 47 year-old woman had a past history of radiation-treated invasive ductal breast carcinoma. Some time later, she presented with a mass in the radiation field.

Gross Pathology:

Not available.

Special Studies:

CK cocktail: positive

EMA: negative

Tissue from: Left breast

Clinical Abstract:

This 61 year-old woman presented with a left breast mass and was found to have a mammographic abnormality in her right breast as well.

Gross Pathology:

The 751 gram left breast mastectomy specimen was 28 x 16 x 4.8 cm and contained an 8.3 x 7 x 4.8 cm ill-defined firm white-yellow mass, replacing much of the center of the specimen.

Special Studies:

Positive: CK7, BRST2, GATA-3, ER

Negative: PAS, CK20, PR

Case No. 9 - February 2015 A

Accession #31691

Tissue from: Left breast

Clinical Abstract:

This 71 year-old woman had a left breast mass.

Gross Pathology:

The 735 gram left mastectomy specimen was 21 x 18 x 6 cm and contained a 4 x 4 x 3 cm ill-defined firm white-tan mass.

Case No. 10 - February 2015 A

Accession #31895

Tissue from: Right femur

Clinical Abstract:

A 63 year-old woman had a prior history of breast carcinoma and presented with a pathologic fracture of her right femur.

Gross Pathology:

Curetted tumor fragments formed a 53 gram, 9 x 7 x 3 cm aggregate.