

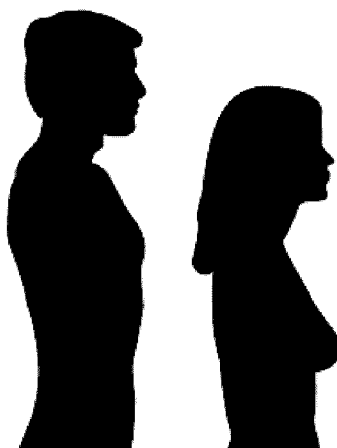


CALIFORNIA
TUMOR TISSUE REGISTRY

“GENERAL PATHOLOGY”

Study Cases, Subscription A

May 2011



California Tumor Tissue Registry
c/o: Department of Pathology and Human Anatomy
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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: Lester Thompson, M.D.
Woodland Hills, CA**

Case No. 1 - May 2011 A

Tissue from: Peritoneum

Accession #31065

Clinical Abstract:

This 68 year-old man complained of change in bowel habits and possible melena. A mass was noted on colonoscopy (later identified as a tubulovillous adenoma) and at surgery mass described as “a bag of grapes” was present at the root of the mesentery. The mesenteric mass and a portion of colon were resected.

Gross Pathology:

Not available.

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

Case No. 2 - May 2011 A

Tissue from: Pericardium

Accession #31143

Clinical Abstract:

A 60 year-old man had been treated several years previous for Hodgkin lymphoma. The treatment included radiation. He now presents with recurrent pericardial effusion and severe cardiac failure. Surgical exploration showed a diffuse coating of the interior of the pericardial sac by tumor.

Gross Pathology:

The tumor was resected in multiple fragments which totaled about 85 grams and was composed of yellow, polypoid, fleshy, focally mucinous soft tissue nodules.

Special Studies:

Positive: Calretinin

Negative: CK 5/6, CD15

Contributor: Lester Thompson, M.D.
Woodland Hills, CA

Case No. 3 - May 2011 A

Tissue from: Parotid gland

Accession #31191

Clinical Abstract:

A 74 year-old man presented with a mass in his left parotid. FNA was non-diagnostic.

Gross Pathology:

A 4 cm diameter mass was excised and had a cheesy cut surface with grumous material.

Contributor: LLUMC Pathology Group (rl)
Loma Linda, CA

Case No. 4 - May 2011 A

Tissue from: Gastroesophageal junction

Accession #31239

Clinical Abstract:

A 51 year-old man had dysphagia and a resection of a mass at the gastroesophageal junction was performed.

Gross Pathology:

The 138 gram composite resection specimen had a 4 cm diameter ulceration at the lower end of the esophagus, extending to the proximal stomach.

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

Case No. 5 - May 2011 A

Tissue from: Stomach

Accession #31249

Clinical Abstract:

This 52 year-old man underwent a total gastrectomy.

Gross Pathology:

The 962 gram specimen included stomach and omentum. The stomach had a 2.3 cm diameter transmural tumor at the lesser curvature. Regional lymph nodes and omentum showed metastatic tumor.

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

Case No. 6 - May 2011 A

Tissue from: Liver

Accession #31224

Clinical Abstract:

A 68 year-old man had a liver mass which was resected.

Gross Pathology:

The 205 gram, 15 x 8 x 5 cm portion of liver had a 7 x 6 x 4 cm white-tan tumor visible on the surface.

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

Case No. 7 - May 2011 A

Tissue from: Right kidney

Accession #31151

Clinical Abstract:

This 21 year old man was found to have a right renal mass.

Gross Pathology:

The 540 gram resection included a 13 x 11 x 8 cm kidney with a 7 x 6 x 6 cm mass involving its lower pole. The cut surface of the mass varied from light to dark brown and the border between mass and kidney was indistinct.

Special Studies:

Positive: CD3, CD5, CD20, Kappa & Lambda (without evidence of clonality), CD138
Smooth muscle actin was positive in spindled cells
Epithelial structures were CD15 positive

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

Case No. 8 - May 2011 A

Tissue from: Bladder

Accession #31124

Clinical Abstract:

This 76 year-old man underwent a radical cystoprostatectomy.

Gross Pathology:

The 290 gram cystoprostatectomy specimen contained a 9.5 x 5.5 x 1.5 cm fungating tumor occupying most of the posterior and right lateral walls of the bladder, with extension to the left lateral wall. The tumor was white-tan with focal hemorrhage.

Contributor: LLUMC Pathology Group (rl)
Loma Linda, CA

Case No. 9 - May 2011 A

Tissue from: Right kidney

Accession #31149

Clinical Abstract:

A 67 year-old woman presented with a right renal mass and a mass in her distal pancreas. The pancreatic mass was later found to have the same histology as the kidney mass.

Gross Pathology:

The 682 gram nephrectomy specimen had an 8 x 7 x 7 cm mass in the upper pole of the kidney. The mass was soft yellow-tan with foci of hemorrhage.

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

Case No. 10 - May 2011 A

Tissue from: Left breast

Accession #31299

Clinical Abstract:

A 13 year-old girl presented with an enlarging breast mass.

Gross Pathology:

The resected mass was 6.8 x 4.6 x 4.2 cm.