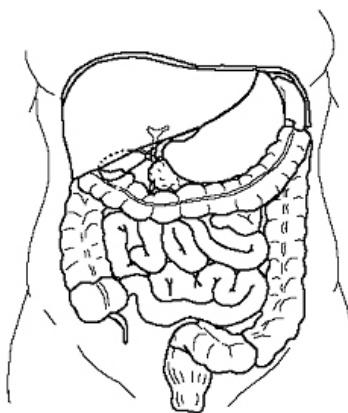


CALIFORNIA
TUMOR TISSUE REGISTRY

“DIGESTIVE SYSTEM PATHOLOGY”

Study Cases, Subscription B

February 2016



California Tumor Tissue Registry
c/o: Department of Pathology and Human Anatomy
Loma Linda University School of Medicine
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Loma Linda, California 92350
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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/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 2016 B

Accession #31947

Tissue from: Pancreas

Clinical Abstract:

After suffering acute epigastric pain, the 30 year old woman was found to have a mass in the tail of her pancreas.

Gross Pathology:

The distal pancreatectomy specimen contained a 2.4 x 2.4 x 1.6 cm tan-white to yellow mass.

Special Studies:

Positive: CD56, CD57, chromogranin A, NSE, CD10

Negative: CK7, alpha-1-antitrypsin

Case No. 2 - February 2016 B

Accession #31982

Tissue from: Liver

Clinical Abstract:

This 29 year old woman was found to have a large liver mass.

Gross Pathology:

The 50 gram resection specimen was 6.7 x 5.5 x 3 cm. The cut surfaces showed a 1.7 cm diameter spongy and red region.

Case No. 3 - February 2016 B

Accession #31835

Tissue from: Right adrenal

Clinical Abstract:

This 69 year old man, being followed for cirrhosis, was found to have a liver mass. Work-up showed bilateral adrenal masses as well.

Gross Pathology:

The right adrenal weighed 117 grams and contained a 4.5 cm ill-defined yellow mass.

Case No. 4 - February 2016 B

Accession #28470

Tissue from: Stomach

Clinical Abstract:

A 76 year old man was found to have a large gastric polyp.

Gross Pathology:

The soft, glistening pink-tan polypoid mass was 6 x 4.2 x 3.7 cm. The surface was covered with mucus and had a slightly papillary appearance.

Case No. 5 - February 2016 B

Accession #12753

Tissue from: Anus

Clinical Abstract:

After a two-year history of fatigue, constipation and eventually rectal bleeding, this 63 year old woman was found to have an anorectal mass.

Gross Pathology:

The 33 cm long segment included distal large intestine and anus with perianal skin. There was a 3.5 cm diameter ulcerated irregular firm gray-white mass at the anorectal junction. Sectioning showed invasion through the anorectal wall into the surrounding adipose tissue.

Case No. 6 - February 2016 B

Accession #31958

Tissue from: Stomach

Clinical Abstract:

During work-up for cholelithiasis, this 63 year old woman was found to have abnormal thickening of her distal stomach.

Gross Pathology:

The resected distal stomach had 7 cm region of thickening with loss of rugal folds. Within this region was a 2 cm diameter ulcer.

Case No. 7 - February 2016 B

Accession #31955

Tissue from: Stomach

Clinical Abstract:

This 79 year old man was found to have multiple gastric nodules.

Gross Pathology:

The largest resected mass was 65 grams and 5 x 5 x 5 cm, located submucosally in the gastric antrum. The smaller tumor, located in the gastric body, was 6 grams and 3.5 x 2.5 x 1.5 cm.

Special studies: (Both tumors)

Positive: CD117

Case No. 8 - February 2016 B

Accession #32118

Tissue from: Lt Colon Mass

Clinical Abstract:

This 82 year old woman had a large colon mass.

Gross Pathology:

The colon mass included an 8 x 8 x 6.5 cm aggregate of tissue.

Special studies:

Positive in atypical cells: CD20, BCL2, BCL6, MUM1, PAX5

Negative in atypical cells: CD3, CD43, kappa, lambda, CD10

Case No. 9 - February 2016 B

Accession #29769

Tissue from: Colon

Clinical Abstract:

This 14 year old girl had a large colonic polyp resected.

Gross Pathology:

The 390 gram, 23 cm long segment of colon contained a 4.7 cm polypoid mass.

Special studies:

Positive: S-100

Negative: NSE

Case No. 10 - February 2016 B

Accession #17805

Tissue from: Gastroesophageal region

Clinical Abstract:

A 47 year old woman presented with gastroesophageal obstruction. This was dilated and a hiatal hernia repaired. Six months later she was admitted for severe anemia and GI bleeding. Radiographs showed a polypoid mass in the proximal stomach. Prior history revealed a cutaneous melanoma removed nine years previously.

Gross Pathology:

The resected gastroesophageal junction showed a 7 x 3 cm discoid region of thickening with central ulceration.