

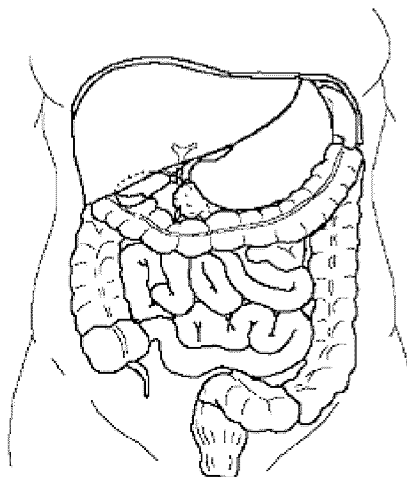


CALIFORNIA
TUMOR TISSUE REGISTRY

“PATHOLOGY of the DIGESTIVE SYSTEM”

Study Cases, Subscription B

September 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: Robert E. Riechmann, M.D.
Covina, CA

Case No. 1 - September 2011 B

Tissue from: Small Intestine Mesentery

Accession #24466

Clinical Abstract:

This 49 year-old woman was found to have an abdominal mass.

Gross Pathology:

The 64 cm segment of resected small bowel was curled around, and densely adherent to, a hard 7 cm diameter yellow-white mesenteric mass.

Contributor: F. M. Hirose, M.D.
Torrance, CA

Case No. 2 - September 2011 B

Tissue from: Esophagus

Accession #24825

Clinical Abstract:

Three weeks prior to admission, this 61 year-old woman developed dysphagia to solid foods. She had mild epigastric discomfort and one episode of melena. An upper GI endoscopy showed mid-esophageal irregularity and some narrowing. She had a 40 pack-year smoking history but denied use of ethanol for the past 10 years.

Gross Pathology:

The cylindrical portion of esophagus was 10 cm long and had a 6 cm long region of irregular thickening.

**Contributor: Roger Terry, M.D.
Los Angeles, CA**

Case No. 3 - September 2011 B

Tissue from: Small Bowel

Accession #23110

Clinical Abstract:

This 66 year-old woman was found to have a small bowel mass.

Gross Pathology:

The 650 gram specimen included 15 cm of small bowel with an 8 x 7 cm white soft mass with a cystic center.

Special Studies:

Positive: Chromogranin, CK cocktail

Negative: Synaptophysin, S100

**Contributor: Robert W. Huntington, Jr., M.D.
Bakersfield, CA**

Case No. 4 - September 2011 B

Tissue from: Duodenum

Accession #15162

Clinical Abstract:

A 66 year-old woman presented with a seven-week history of fever and a 10 pound weight loss over the prior 6 months. Physical examination showed a mass in the right upper quadrant. She had a hemoglobin level of 9.7 and a G.I. work-up showed an ulcer in the first part of the duodenum. She had a rapid downhill course and died. An autopsy was performed.

Gross Pathology:

A mass involved the first portion of the duodenum, head of the pancreas, gallbladder and right lobe of liver. The tumor was yellow-tan with multiple foci of hemorrhage and necrosis.

Special Studies:

Positive: Actin

Negative: Desmin, S100

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

Case No. 5 - September 2011 B

Tissue from: Abdominal wall & pelvis

Accession #31392

Clinical Abstract:

This 66 year-old man had a prior history of an appendiceal mass.

Gross Pathology:

The 90 gram, 9 x 7 x 5 cm portion of abdominal wall was composed primarily of a red gelatinous tumor mass.

**Contributor: Ronald N. Kornblum, M.D.
San Jose, CA**

Case No. 6 - September 2011 B

Tissue from: Anus

Accession #13480

Clinical Abstract:

This 85 year-old woman had a seven-year history of constipation with five years of intermittent rectal bleeding. She had a recent 30 pound weight loss and presented cachectic and in pain. She had a 5 x 5 cm recto-vaginal fistula with a cauliflower-like mass protruding from the posterior wall of the anus, near the dentate line. She expired before any therapy could be accomplished and an autopsy was performed.

Gross Pathology:

In the anus the mucosa was rough, irregular and indurated. The tumor involved the entire circumference of the anus and extended into perirectal tissues with a rectovaginal fistula.

Contributor: James W. Decker, M.D.
Reno, NV

Case No. 7 - September 2011 B

Tissue from: Anus

Accession #12613

Clinical Abstract:

This 42 year-old woman had a 2 month history of increasing bright red bleeding from the rectum. Rectal examination showed a hard mass involving the anterolateral wall of the rectum, extending to the anal verge.

Gross Pathology:

The abdominoperineal resection specimen included a 6 cm mass in the anterior anal wall. It had an ulcerated surface and infiltrated through the wall into the perianal soft tissues.

Contributor: Arno Roscher, M.D.
Granada Hills, CA

Case No. 8 - September 2011 B

Tissue from: Rectum

Accession #22642

Clinical Abstract:

This 13 year-old girl presented with a polypoid rectal mass. Work-up, including IVP, showed no other sites of tumor.

Gross Pathology:

The rectal polyp was 2.5 x 2 x 1.5 cm.

Special Studies:

Positive: PAS

**Contributor: Ellen C. Ko, M.D.
Colton, CA**

Case No. 9 - September 2011 B

Tissue from: Liver

Accession #31415

Clinical Abstract:

This 60 year-old man had a past history of hypertension, and possible cirrhosis. He presented with jaundice, intractable abdominal pain and altered mental status. He died within a week of presentation and an autopsy was performed.

Gross Pathology:

The 5.35 kilogram liver was diffusely studded with numerous red masses. No other tumor sites were observed.

**Contributor: M. L. Bassis, M.D.
San Francisco, CA**

Case No. 10 - September 2011 B

Tissue from: Liver

Accession #19541

Clinical Abstract:

This 74 year-old man developed abdominal cramping about two months prior to admission, along with a 23 pound weight loss. Upon admission, he complained of swelling and tenderness in the right upper quadrant. Radiographic studies showed a large mass in the right upper quadrant.

Gross Pathology:

The partial hepatectomy specimen showed a 20 x 13 x 12 cm tumor extending from the inferior aspect of the liver.