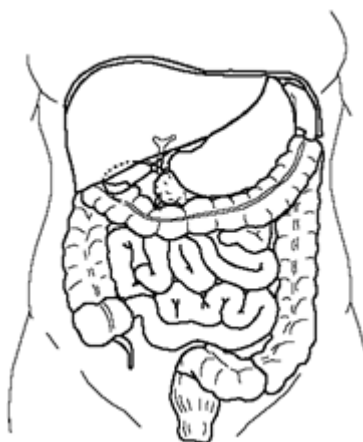


CALIFORNIA  
TUMOR TISSUE REGISTRY

## **“GI TRACT PATHOLOGY”**

**Study Cases, Subscription A**

**January 2015**



**California Tumor Tissue Registry**  
**c/o: Department of Pathology and Human Anatomy**  
**Loma Linda University School of Medicine**  
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**Web page: [www.cttr.org](http://www.cttr.org)**  
**Web site & Case of the Month: [www.cttr.org](http://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 - January 2015 A**

**Accession #27678**

**Tissue from: Anus and rectum**

**Clinical Abstract:**

After a two-week history of bright red blood per rectum, this 65 year-old man was found to have a firm, non-mobile mass extending 5 cm up from the anal verge.

**Gross Pathology:**

The 700 gram composite resection included anus, rectum, sigmoid colon, bladder and prostate. A 9 cm long tumor involved the anterior wall of the rectum, extending through the rectal wall into the prostate. Nine of 22 lymph nodes showed metastatic disease.

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**Case No. 2 - January 2015 A**

**Accession #30060**

**Tissue from: Rectosigmoid colon**

**Clinical Abstract:**

Following two weeks of nausea and vomiting, this 42 year-old man was found to have masses in both cecum and sigmoid colon.

**Gross Pathology:**

The rectosigmoid colon had a markedly thickened wall with resulting pinpoint lumen. The ileocecal resection had a 2 x 2 x 1 cm submucosal tumor and a diffusely infiltrating process obliterating the appendiceal orifice.

**Special Studies:**

Positive: CEA, Chromogranin, Synaptophysin

Negative: CK7, CK 20

**Case No. 3 - January 2015 A**

**Accession #31806**

**Tissue from: Stomach**

**Clinical Abstract:**

A 45 year-old woman was found to have a gastric mass.

**Gross Pathology:**

The 20 gram specimen was 4.5 x 3 x 1.5 cm and consisted of a firm white whorled tissue.

Special Studies:

Negative: CD34

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**Case No. 4 - January 2015 A**

**Accession #31932**

**Tissue from: Pancreas**

**Clinical Abstract:**

After two years of complaining of constipation and left upper quadrant bloating, this 64 year-old woman reported a month-long history of worsening pain. She was found to have a cystic mass in the tail of her pancreas.

**Gross Pathology:**

The resection specimen included distal pancreas, spleen and attached adipose tissue. In the pancreatic tail was a 6 cm yellow-white spongy cystic mass with a central stellate firm region.

**Case No. 5 - January 2015 A**

**Accession #24975**

**Tissue from: Perianal skin**

**Clinical Abstract:**

For several years this 78 year-old man had had fecal soilage of the perineum with chronic perianal dermatitis. For the past 6 months, the perianal skin had become thickened, rough and erythematous.

**Gross Pathology:**

A 9.5 x 2.7 cm ellipse of skin had a 6.2 x 1.5 cm wrinkled but not ulcerated region.

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**Case No. 6 - January 2015 A**

**Accession #31834**

**Tissue from: Liver**

**Clinical Abstract:**

A 49 year-old man was found to have a mass in the right lobe of his liver.

**Gross Pathology:**

The 236 gram, 12 x 7 x 6 cm resection specimen contained a 5.5 x 5 x 4 cm well defined mass.

Special Studies:

Positive: CK8/18

Negative: CK 20, HepPar1, Synaptophysin, Chromogranin

**Case No. 7 - January 2015 A**

**Accession #31730**

**Tissue from: Small intestine**

**Clinical Abstract:**

A 50 year-old man had signs and symptoms of partial small bowel obstruction.

**Gross Pathology:**

The 60 cm long length of intestine contained two masses, 2.2 and 2 cm in greatest diameter. Both masses were submucosal/intramural with solid gray-white cut surfaces. Six of 18 lymph nodes showed metastases.

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**Case No. 8 - January 2015 A**

**Accession #31829**

**Tissue from: Hepatic artery lymph node**

**Clinical Abstract:**

This 50 year-old man had biliary tract obstruction and was found to have a periampullary mass and enlarged nodes along the hepatic artery. The periampullary mass was biopsied and a lymph node resected. Both showed a similar process.

**Gross Pathology:**

The hepatic artery node was 3 x 2 x 2 cm with a tan-yellow cut surface.

**Special Studies:**

Positive: CEA, Cam5.2

Negative: CK7, CK20, chromogranin, CD56, gastric, serotonin

**Case No. 9 - January 2015 A**

**Accession #20453**

**Tissue from: Anus**

**Clinical Abstract:**

In spite of a 3 week history of diarrhea several times a day, this 56 year-old woman complained of a sensation of obstruction of the anus. A 3 cm anal mass was biopsied.

**Gross Pathology:**

Three pieces of rubbery dark red tissue varied from 1.5 to 2 cm in greatest diameter.

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**Case No. 10 - January 2015 A**

**Accession #31827**

**Tissue from: Large intestine**

**Clinical Abstract:**

A 63 year-old man was found to have right colonic mass involving serosa, muscle and submucosa. Past medical history included renal cell carcinoma.

**Gross Pathology:**

A yellow hemorrhagic subserosal mass was 4.5 x 4 x 2.3 cm.