

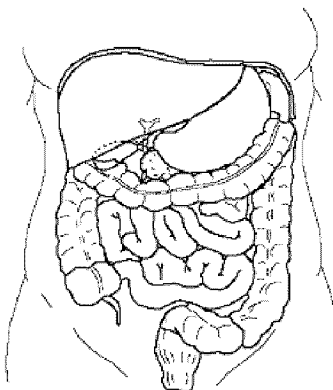


CALIFORNIA  
TUMOR TISSUE REGISTRY

## **“GI & HEPATOBILIARY PATHOLOGY”**

**Study Cases, Subscription A**

**November 2008**



### **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  
Amita T. Mistry, 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: LLUMC Pathology Group (mp)  
Loma Linda, CA**

**Case No. 1 - November 2008 A**

**Tissue from: Pancreas**

**Accession #30812**

**Clinical Abstract:**

A 47 year old obese woman with chronic back pain was found to have an abdominal mass. MRI showed a large complex multicystic mass in the tail of the pancreas.

**Gross Pathology:**

The composite resection of tail of pancreas and spleen was 12 x 10 x 3 cm and weighed 850 grams. Within the pancreas was a 7 x 7 x 6.5 cm thickly encapsulated multiloculated cyst containing thick brown-tan fluid.

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**Contributor: Peter Morris, M.D.  
Santa Barbara, CA**

**Case No. 2 - November 2008 A**

**Tissue from: Pancreas**

**Accession #30774**

**Clinical Abstract:**

Because of increasing left upper quadrant abdominal discomfort, this 41 year old man sought medical attention. A CT scan showed a large mass in the tail of the pancreas.

**Gross Pathology:**

The composite resection of distal pancreas, spleen and omentum weighed 318 grams. Within the pancreatic tail was a 10 x 9 x 8.5 cm fibrous-walled, unilocular blood-filled cyst with a irregular wall of fleshy friable red-tan tumor up to 4 cm thick

**Special Studies:**

Positive: CD10, CD56, Vimentin

Negative: CD31, CD34, Chromogranin

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

**Case No. 3 - November 2008 A**

**Tissue from: Liver**

**Accession #30805**

**Clinical Abstract:**

While being followed for hepatitis C, this 66 year old man was found to have multiple liver masses.

**Gross Pathology:**

Segmental resections of the liver included two tumor masses, one 7.5 x 6.5 x 4.8 cm, the other 1.7 x 1.5 x 1 cm. The tumors were well circumscribed, yellow-tan and focally necrotic.

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

**Case No. 4 - November 2008 A**

**Tissue from: Liver**

**Accession #30849**

**Clinical Abstract:**

A 60 year old woman had a mass in the right lobe of her liver.

**Gross Pathology:**

The 879 gram partial hepatectomy specimen was 14.8 x 13.8 x 9.5 cm and contained an 8.5 x 8.3 x 5.0 cm firm, well-circumscribed, lobulated mass with a variegate white-tan to red-tan cut surface.

**Contributor: Savita Ries, M.D.  
Long Beach, CA**

**Case No. 5 - November 2008 A**

**Tissue from: Right colon**

**Accession #30893**

**Clinical Abstract:**

An 87 year old woman presented with small bowel obstruction and was found to have a tumor in her right colon.

**Gross Pathology:**

The right hemicolectomy specimen included 17 cm of right colon. Within the cecum, 2.5 cm from the ileocecal valve, was a 7.3 x 5.5 x 5 cm polypoid mass submucosal mass, without gross involvement of the muscularis.

Special Studies:

Positive: CD34

Negative: CD117, S-100

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**Contributor: Ralph Mitarai, M.D.  
Sonoma, CA**

**Case No. 6 - November 2008 A**

**Tissue from: Stomach**

**Accession #30780**

**Clinical Abstract:**

This 83 year old woman had an abdominal mass. Imaging studies showed a submucosal gastric mass with an exophytic component.

**Gross Pathology:**

A 9 x 6.3 cm submucosal tumor, with an intact overlying mucosa, was present with the gastric resection specimen. The tumor extended through the wall to produce a 5 x 4.4 x 4.3 cm bulging subserosal tumor as well.

Special Studies:

Positive: CD117, CD34

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

**Case No. 7 - November 2008 A**

**Tissue from: Colon**

**Accession #30373**

**Clinical Abstract:**

During evaluation for a hernia and cryptorchid testis, a 54 year old man was found by colonoscopy to have a mass producing adherence between the ileum and colon.

**Gross Pathology:**

The resected mass was 13 cm in diameter. The appendix was macroscopically normal.

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**Contributor: Yasushi Tamura, M.D.**  
**Bellflower, CA**

**Case No. 8 - November 2008 A**

**Tissue from: Cecum**

**Accession #30617**

**Clinical Abstract:**

This 64 year old man presented with a cecal mass.

**Gross Pathology:**

The extended right hemicolectomy specimen included a 9 x 7 x 4.5 cm necrotic mass in the cecum. The mass had a polypoid component and involved with muscularis propria with puckering of the overlying serosa.

**Special Studies:**

Focally Positive: Desmin

Strongly Positive: Vimentin

Negative: Pancytokeratin, CD117, S100, Smooth muscle actin, CD34

**Contributor: Pamela Boswell, D.O.**  
**La Jolla, CA**

**Case No. 9 - November 2008 A**

**Tissue from: Colon**

**Accession #30870**

**Clinical Abstract:**

A 77 year old man had a colonic mass at the splenic flexure.

**Gross Pathology:**

Within the partial colectomy specimen was a 4.5 x 3.7 x 3.7 cm firm mass that invaded into the muscularis propria.

**Special Studies:**

Positive: CAM5.2, Synaptophysin

Negative: CDX-2, Chromogranin, CK-7, CK-20, PAP, PSA, mucicarmin

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**Contributor: Mei Jung, M.D.**  
**Hangzhou, China**

**Case No. 10 - November 2008 A**

**Tissue from: Omentum & Liver**

**Accession #30862**

**Clinical Abstract:**

After one month of abdominal discomfort, this 24 year old woman was found to have an abdominal mass.

**Gross Pathology:**

Within the resected omentum were two solid gray masses, measuring 10 x 5.5 x 4.5 cm and 6 x 5 x 3 cm. Multiple liver nodules were also noted.

**Special Studies:**

Positive: NSE, Synaptophysin (weakly)

Negative: Chromogranin, CAM5.2, CK cocktail