

Pathology Report and Specimens for Procedure PROC-31513



ID, Proc, Patient, Barcode	Type	Donor Type	A/S/R	Weight	Prep	Primary	Metastaic	Stage	Grade	Percentages	Procurement Year
WD-105518 PROC-31513 PAT-31452 C30457	MALIGNANT COLON CARCINOMA \ ADENOCARCINOMA		71/F/B	0.17 grams	Frozen, LN2 - vapor phase	COLON		Stage IIA	G3 Poorly differentiated	0% Necrosis, 70% Lesion, 30% Stroma, 100% Tumor By Area, 70% Cellularity, 0% Acellular Mucin	2012
PET: 2.0 PPET: GPET: 2.0	In Surg Path: Organ Removal: Complete Prep:	Cold Ischemia: Warm Ischemia: Trans on Ice: Unknown							Fix Time: PMI Time: Clamp Time:		
Comments:											
Consent Status: Collected from consented donor.											

71/F/B

C/R=Y/N

MSI: ORDERED

DIAGNOSIS:

1) COLON, SIGMOID, PARTIAL COLECTOMY: INVASIVE ADENOCARCINOMA, POORLY DIFFERENTIATED, MEASURING 2.5 CM IN GREATEST DIMENSION, INVADING THROUGH MUSCULARIS PROPRIA INTO PERICOLIC SOFT TISSUE; VASCULAR INVASION IDENTIFIED; PERINEURAL INVASION NOT IDENTIFIED; TUMOR BUDDING NOT IDENTIFIED; RESECTION MARGINS INCLUDING PROXIMAL, DISTAL AND MESENTERIC MARGINS, NEGATIVE FOR MALIGNANCY; TWELVE LYMPH NODES NEGATIVE FOR MALIGNANCY (0/12).

2) COLON, DISTAL DONUT, EXCISION: NEGATIVE FOR MALIGNANCY.

3) COLON, PROXIMAL DONUT, EXCISION: NEGATIVE FOR MALIGNANCY.

Carcinoma of the Colon or Rectum:

Summary Findings

Specimen received: Sigmoid colon

Other organs received: None

Procedure: Partial colectomy

Tumor site: Sigmoid colon

Tumor size: 2.5 cm

Macroscopic tumor perforation: Absent

Macroscopic intactness of mesorectum:

X Not applicable

Histologic type: Adenocarcinoma

Histologic grade: Poorly differentiated

Microscopic tumor extension: Into pericolic soft tissue

Margins:

X All margins uninvolved by invasive carcinoma or adenoma

Distance of invasive carcinoma or adenoma from closest margin:

More than 6.5 cm

Specify margin: Mesenteric margin

Specify invasive carcinoma or adenoma: invasive carcinoma

Treatment effect:

☒ No prior treatment

Lymph-vascular invasion: Identified

Perineural invasion: Not identified

Tumor deposits (discontinuous extramural extension): Not identified

Pathologic staging (pTNM) [AJCC 7th edition TNM Staging System]:

TNM Descriptors (m, y, or r):

Primary tumor (pT): pT3

Regional lymph nodes (pN): pN0

Number examined: 12

Number involved: 0

Distant metastases (pM), if applicable: Unknown

*Specify site(s), if known:

*Additional Pathologic Findings: None

*Ancillary Studies:

Microsatellite instability (MSI) testing ordered: Yes

KRAS mutational analysis ordered: None

Other (specify):

**Electronically Signed Out by ----

CLINICAL DATA

Clinical Features: Unspecified

Operator: ----

Operation: Colectomy

Operative Findings: Unspecified

Operative Diagnosis: Malignant neoplasm of sigmoid colon

Tissue Submitted: 1) Rectal sigmoid; 2) Distal donut rectum; 3) Proximal donut rectum

INSTRUCTIONS TO PATHOLOGIST: Suture marks distal donut.

GROSS DESCRIPTION:

1) SOURCE: Rectal Sigmoid

Received fresh in a container labeled correctly with the patient's name, medical record number and "rectal sigmoid" is a fragment of colon measuring 17 cm in length and 3 cm in diameter. The attached mesentery measures 14 x 3.5 x 0.8 cm and is composed of unremarkable yellow lobulated fibroadipose tissue. The serosal surface is pink-tan, smooth and glistening. There is a palpable mass in the midpoint of the specimen. The serosal surface overlying this mass is inked black. Specimen is opened longitudinally revealing a raised polypoid lesion measuring 2.5 x 2.2 x 1.4 cm. This lesion grossly extends to the muscular wall, but invasion beyond the muscularis propria cannot be identified grossly. The lesion measures 2 mm from the serosal surface, 6.5 cm from the nearest unoriented mucosal margin, 8 cm from the opposite mucosal margin, and 6.5 cm from the mesenteric margin. The remainder of the colonic mucosa is tan brown and velvety with normal folds. Representative sections including all candidate lymph nodes are submitted.

Summary of sections: 1A, mucosal margin nearest lesion, 1/1;

1B, remaining mucosal margin, 1/1;

1C, mesenteric margin underlying mass, 1/1;

1D-1H, entire lesion in relation to black inked serosal surface, 1/1 each;

1I, multiple candidate lymph nodes, M/1;

1J-1L, additional sections of mesenteric fat, 2/1 each.

2) SOURCE: Distal Donut Rectum

Received fresh in a container labeled correctly with the patient's name, medical record number, and "distal donut rectum" is a donut-shaped fragment of pink-tan colonic mucosa measuring 2 x 1.5 x 0.5 cm. The specimen is tagged with a suture. The suture is removed and the entire specimen is submitted.

Summary of sections: 2A, 1/1.

3) SOURCE: Proximal Donut Rectum

Received fresh in a container labeled correctly with the patient's name, medical record number and "proximal donut rectum" is a pink-tan, donut shaped fragment of colonic mucosa measuring 1.5 x 1.5 x 0.5 cm. This fragment is attached to a metallic medical device measuring 3 x 3 x 5 cm. The colonic tissue is removed, bisected and entirely submitted.

Summary of sections: 3A, 2/1.

Slides and report reviewed by Attending Pathologist.

Path report secondary checked by : bonillbChemo history: Yes

Radiation history: No

Therapy History:

Chemo Therapy Alkylating Agents (e.g. cisplatin.) Cycle: 4 location: Comments: FOLFOX x 4 cycles on 07/12/2012Chemo Therapy Antimetabolites (e.g. methotrexate) Cycle: 4 location: Comments: 5-FU on 07/12/2012
