

Pathology Report and Specimens for Procedure PROC-485



ID, Proc, Patient, Barcode	Type	Donor Type	A/S/R	Weight	Prep	Primary	Metastaic	Stage	Grade	Percentages	Procurement Year
WD-105519 PROC-485 PAT-271 C12976	MALIGNANT COLON CARCINOMA \ ADENOCARCINOMA		92/M/B	0.48 grams	Frozen, LN2 - vapor phase	COLON	LYMPH NODE	Stage IIIB	G3 Poorly differentiated	0% Necrosis, 20% Lesion, 80% Stroma, 10% Tumor By Area, 50% Cellularity, 0% Acellular Mucin	2012
PET: 1.0 PPET: GPET: 1.0	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.											

92/M/B

C/R=N/N

MSI: NOT DETECTED

Date of collection: 2012 18g needle used for collection in supine position

DIAGNOSIS:

1) RIGHT COLON, RIGHT HEMICOLECTOMY: MODERATELY TO POORLY DIFFERENTIATED ADENOCARCINOMA, MEASURING 3.2 CM IN GREATEST DIMENSION, INVADING INTO SUBSEROSEA; RESECTION MARGINS NEGATIVE FOR MALIGNANCY; ONE OF THIRTY ONE (1/31) LYMPH NODES INVOLVED BY METASTATIC CARCINOMA; APPENDIX WITH UNREMARKABLE HISTOLOGY.

Carcinoma of the Colon or Rectum: Summary Findings

Specimen: right colon and appendix

Other organs received: no

Procedure: right hemicolectomy

Tumor site: right colon

Tumor size: 3.2 cm

Macroscopic tumor perforation: absent

Histologic type: adenocarcinoma

Histologic grade: moderately to poorly differentiated

Microscopic tumor extension: subserosa

Margins (specify distance of invasive carcinoma from closest margin):
Proximal: negative
Distal: negative
Mesenteric (radial for rectal cancers): negative

Treatment effect (applicable to carcinomas treated with neoadjuvant therapy): No prior treatment

Lymph-vascular invasion: absent

Perineural invasion: absent

Tumor deposits (discontinuous extramural extension): none
Specify number of tumor deposits identified:

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

TNM Descriptors (required only if applicable):

Primary tumor (pT): pT3

Regional lymph nodes (pN): pN1a

Specify: Number examined: 31

Number involved: 1

Distant metastases (pM), if applicable: unknown

*Additional Pathologic Findings: none

*Ancillary Studies

Microsatellite instability (MSI) testing ordered: yes, block 1D

KRAS mutational analysis ordered: no

**Electronically Signed Out by ----

CLINICAL DATA

Clinical Features: Right colon mass

Operator: Dr. ----

Operation: Laparoscopy colectomy

Operative Findings: Unspecified

Operative Diagnosis: Unspecified

Tissue Submitted: 1)right colon mass

GROSS DESCRIPTION:

1) SOURCE: Right Colon Mass

The specimen is received fresh labeled "right colon mass" along with the patient's name and MR number. The specimen consists of a previously opened right colon that contains the following measurements: terminal ileum (5.6 cm in length x 2.3 cm in diameter), right colon (16.5 cm in length and ranges from 3.5 cm to 5.0 cm in circumference), appendix (6.2 cm in length x 0.6 cm in diameter) and attached pericolic adipose tissue (up to 5.5 cm in length). The bowel is completely open to show a 3.2 x 2.7 x 0.7 cm raised rim, beige to pink-tan mass that contains an ulcerated center. The mass grossly extends into the muscularis propria but not through it. The mass is 3.1 cm from the distal margin and 5.7 cm from the radial margin (inked black). The remainder of the mucosal surface of the terminal ileum and right colon is beige to pink-tan, smooth to wrinkled with an normal folding pattern. The bowel wall ranges from 0.2 cm to 0.3 cm thick. The appendix is serially sectioned to show an unremarkable cut surface. The pericolic adipose tissue is sectioned and contains multiple possible lymph nodes ranging from 0.2 cm to 1.8 cm in greatest dimension. All the lymph nodes are submitted in their entirety. A representative section of mass and normal bowel is submitted for research. Representative sections are submitted.

Summary of sections: 1A, distal margin, 2/1;

1B, proximal margin, 1/1;

1C, radial margin, 1/1;

1D-1F, representative section of mass in relationship to normal bowel mucosa, 2/1, 1/1, 2/1 respectively;

1G, representative section of right colon, 2/1;

1H, representative section of terminal ileum, 2/1;

1I, representative section of appendix, 2/1;

1J-1M, each contain multiple possible lymph nodes, M/1 each;

1N, contains five possible lymph nodes, 5/1;

1O, 1P, each contains a single possible lymph node bisected, 2/1 each.

Dictated by ----

Slides and report reviewed by Attending Pathologist. Chemo history: No

Radiation history: No