

# Pathology Report and Specimens for Procedure PROC-50403



| ID, Proc, Patient, Barcode                         | Type                                                              | Donor Type | A/S/R  | Weight        | Prep                                                      | Primary | Metastaic     | Stage                                 | Grade                              | Percentages                                                                                                         | Procurement Year |
|----------------------------------------------------|-------------------------------------------------------------------|------------|--------|---------------|-----------------------------------------------------------|---------|---------------|---------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------|
| WD-105527<br>PROC-50403<br>PAT-49112<br>C87128     | MALIGNANT<br>COLON<br>TRANSVERSE<br>CARCINOMA \<br>ADENOCARCINOMA |            | 73/M/W | 0.32<br>grams | Frozen,<br>LN2 -<br>vapor<br>phase                        | COLON   | LYMPH<br>NODE | Stage<br>IIIB                         | G2<br>Moderately<br>differentiated | 5% Necrosis,<br>50% Lesion,<br>50% Stroma,<br>30% Tumor<br>By Area,<br>50%<br>Cellularity,<br>0% Acellular<br>Mucin | 2016             |
| PET: 0.5<br>PPET:<br>GPET:                         | In Surg Path:<br>Organ Removal:<br>Complete Prep:                 |            |        |               | Cold Ischemia:<br>Warm Ischemia:<br>Trans on Ice: Unknown |         |               | Fix Time:<br>PMI Time:<br>Clamp Time: |                                    |                                                                                                                     |                  |
| Comments:                                          |                                                                   |            |        |               |                                                           |         |               |                                       |                                    |                                                                                                                     |                  |
| Consent Status: Collected under waiver of consent. |                                                                   |            |        |               |                                                           |         |               |                                       |                                    |                                                                                                                     |                  |
|                                                    |                                                                   |            |        |               |                                                           |         |               |                                       |                                    |                                                                                                                     |                  |

Final Pathology Report entered by CHTN Staff member brookse.

A/S/R: 73/M/W

Chemo: No

Rad: No

BMI: 23.1

Height: 175.26 cm

Weight: 70.85 kg

Co-Morbidities:

Prior Cancer History: Skin, Basal Cell;Skin, Melanoma;Skin, Squamous Cell

Molecular Testing Results:

MSI test result: Results consistent with Microsatellite o Stable (MSS): Microsatellite Instability NOT DETECTED

## FINAL PATHOLOGY REPORT

### Diagnosis

1) TRANSVERSE COLON: MODERATELY DIFFERENTIATED COLORECTAL ADENOCARCINOMA (2.7CM). LESION EXTENDS INTO THE SUBSEROA. THE MARGINS ARE UNINVOLVED. METASTATIC CARCINOMA PRESENT IN THREE OF FIFTEEN LYMPH NODES (3/15, ONE PRESENT 1-2MM FROM THE CIRCUMFERENTIAL/RADIAL MARGIN BUT APPEARS COMPLETELY EXCISED).

2) OMENTUM: FIBROCONNECTIVE TISSUE, NO MALIGNANCY IDENTIFIED.

Case reviewed by Attending Pathologist

### Synoptic Diagnosis

1) TRANSVERSE COLON:

Specimen: Transverse colon

Procedure: Transverse colectomy

Primary Tumor Site: Transverse colon

Additional Sites Involved by Tumor: None identified

Macroscopic Tumor Perforation: Not identified

Macroscopic Intactness of Mesorectum: Not applicable

Histologic Type: Adenocarcinoma

Histologic Grade: Low-grade

Tumor Location: Tumor is located above peritoneal reflection

Tumor Size: Greatest dimension: 2.7 cm

Microscopic Tumor Extension: Tumor invades through the muscularis propria into the subserosal adipose tissue or the nonperitonealized pericolic or perirectal soft tissues but does not extend to the serosal surface

Margins: All margins uninvolved by invasive carcinoma

Distance of invasive carcinoma from closest margin: 8 mm

Margin: Circumferential (Radial) or Mesenteric

Proximal Margin: Uninvolved by invasive carcinoma

Distal Margin: Uninvolved by invasive carcinoma

Circumferential or Mesenteric Margin: Uninvolved by invasive carcinoma

Lymph-Vascular Invasion: Present  
 Perineural Invasion: Not identified  
 Tumor Deposits: Not identified  
 Type of Polyp in which Invasive Carcinoma Arose: None identified  
 Pathologic Staging (pTNM): pT3: Tumor invades through the muscularis propria into pericorectal tissues  
 Regional Lymph Nodes (pN): pN1b: Metastasis in 2 to 3 regional lymph nodes  
 Number of nodes examined: 15  
 Number of nodes involved: 3  
 Distant Metastasis (pM): Not applicable  
 Additional Pathologic Findings: None identified  
 Ancillary Studies: Microsatellite instability pending

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#### Clinical Data

Clinical Features: Unspecified.  
 Clinical Diagnosis: Malignant neoplasm of transverse colon.  
 Operator: Dr. ----  
 Operation: Open partial colectomy.  
 Operative Findings: Unspecified.  
 Operative Diagnosis: Unspecified.  
 Tissue Submitted: 1) Transverse colon; 2) Omentum.

Instructions to Pathologist: Routine.

#### Specimen(s) Received

1) TRANSVERSE COLON  
 2) OMENTUM

#### Gross Description

1) TRANSVERSE COLON:

Received fresh, labeled "----," with medical record number and "transverse colon," is an unoriented 17.0 cm in length previously opened segment of colon with an open circumference measurement of 7.0 cm. The serosa is tan-pink, smooth and glistening with a small amount of attached yellow, lobulated adipose tissue. The mucosa displays a 2.7-2.5 cm round, well-demarcated mass with raised borders located 6.0 cm from the closest resection margin, and 7.2 cm from the opposing resection margin. The soft tissue deep to the mass is inked blue.

Sectioning of the mass reveals tan cut surfaces with focal pale yellow areas, and the mass extends 0.6 cm in depth and is located 0.8 cm from the closest inked adipose tissue, grossly abuts the inked serosal surface, and is located 7.5 cm from the cauterized adipose tissue margin. The mass grossly involves the muscularis and extends into the adipose tissue. Underlying the mass are 2 tan, firm lymph nodes measuring 0.7 cm and 0.3 cm in greatest dimension. The cut surfaces of the lymph nodes are tan with focal pale yellow areas and appear to be grossly positive. The remaining mucosa is tan with normal mucosal folds. Sectioning of the adipose tissue reveals an additional 11 tan, firm potential lymph nodes ranging from 0.3 cm to 1.8 cm in greatest dimension. Sectioning of the largest lymph node reveals tan cut surfaces with focal pale yellow areas and appears to be grossly positive.

A representative section of tumor and normal is submitted for research. Representative sections are submitted.

#### Summary of sections:

1A, resection margin closest to mass, trisected, 3/1;  
 1B-1C, resection margin furthest from mass, quadrisected, 2/1 each;  
 1D, mass at greatest depth and to closest inked adipose tissue with 2 potential grossly positive lymph nodes, 1/1;  
 1E, additional section of mass grossly extending into adipose tissue, 1/1;  
 1F, mass grossly abutting the serosal surface (inked blue), 2/1;  
 1G, mass to grossly uninvolved, 2/1;  
 1H, grossly uninvolved between mass and closest resection margin, 2/1;  
 1I, grossly uninvolved between mass and furthest resection margin, 2/1;  
 1J, remainder of 2 potential positive lymph nodes from (1D), 2/1;  
 1K, vasculature at cauterized adipose tissue margin closest to mass, 2/1;  
 1L, 4 whole lymph nodes, 4/1;  
 1M, 4 whole lymph nodes, 4/1;  
 1N, 2 whole lymph nodes, 2/1;  
 1O-1P, largest lymph node, serially sectioned, 2/1 each;  
 1Q-1T, additional adipose tissue, M/1 each.

#### 2) OMENTUM:

Received fresh, labeled "----" with medical record number and "omentum," is a 20.0 x 15.3 x 1.2 cm portion of yellow, lobulated adipose tissue consistent with omentum. Following palpation and sectioning, no lesions are grossly identified. Representative sections are submitted in 2A-2B, 2/1 each.

Chemo history: No  
Radiation history: No

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