

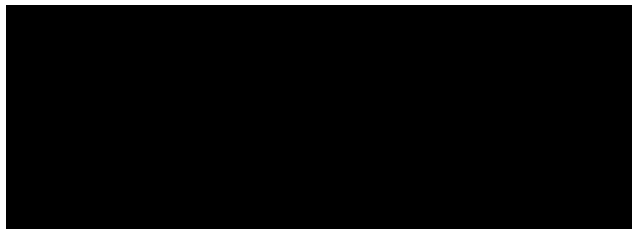
Surgical Pathology

Status: Edited Result - FINAL Dx: Colon cancer metastasized to liver (H...

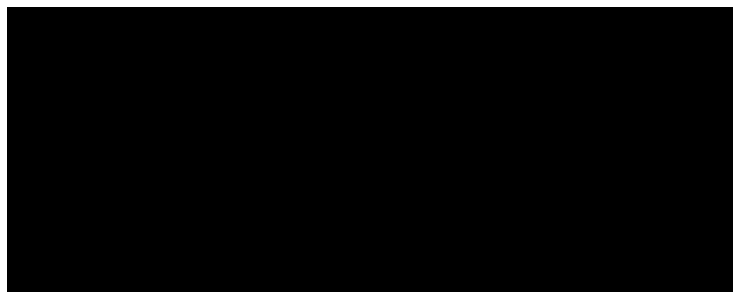
Test Result Released: No (inaccessible in MyChart)

Component 2 yr ago

Report



Collected::8/14/2023



Specimen(s) Received

- 1: LEFT PELVIC SIDE WALL MASS (FS)
- 2: OMENTUM (FS)
- 3: RIGHT COLON
- 4: FALCIFORM LIGAMENT
- 5: SEGMENT 6 WEDGE (FS)
- 6: SEGMENT 8 LIVER WEDGE RESECTION (FS)
- 7: DEEP MARGIN FROM SEGMENT 8 LESION, YELLOW INK AT STITCH
- 8: COMMON HEPATIC LYMPH NODE
- 9: SEGMENT 8 RE-RESECTION (FS)

Final Pathologic Diagnosis

1. LEFT PELVIC SIDE WALL MASS (FS):
 - Portion of fibroadipose tissue with sclerosis, dystrophic calcification and degenerative changes, negative for malignancy.
2. OMENTUM (FS):
 - Omental fatty tissue with focal sclerosis, negative for malignancy.
3. RIGHT COLON, RIGHT COLECTOMY:
 - Invasive adenocarcinoma, moderately differentiated (see synoptic report below for full cancer case summary).
 - Tumor size is 5.1 cm in greatest dimension.
 - Tumor involves entire thickness of bowel wall into the pericolonic tissue.
 - All resection margins are negative for malignancy.

- Attached appendix shows adenomatous change, negative for high-grade dysplasia and malignancy.
- Attached terminal ileum is unremarkable.
- Thirty-one lymph nodes identified, negative for malignancy.

4. FALCIFORM LIGAMENT:

- Portion of fibroadipose tissue, negative for malignancy.

5. SEGMENT 6 WEDGE (FS):

- Portion of liver parenchyma with metastatic adenocarcinoma consistent with colonic primary.
- Metastatic tumor focus measures 0.7 cm in greatest dimension.
- Parenchymal resection margin is negative for malignancy.
- Remainder of liver parenchyma shows mild steatosis involving 10% of hepatocyte.

6. SEGMENT 8 LIVER WEDGE RESECTION (FS):

- Liver parenchyma with small focus of metastatic adenocarcinoma present at cauterized inked resection margin (see note).
- Metastatic tumor focus measures 0.4 cm in greatest dimension.
- Remainder of liver parenchyma shows mild steatosis involving 10% of hepatocyte.

7. DEEP MARGIN FROM SEGMENT 8 LESION, YELLOW INK AT STITCH:

- Liver parenchyma with small focus of metastatic adenocarcinoma present at resection margin.
- Tumor focus measures 0.4 cm in greatest dimension in the plane of section.
- Remainder of liver parenchyma shows mild steatosis involving 10% of hepatocyte.

8. COMMON HEPATIC LYMPH NODE:

- Lymph node with lipogranulomatous reaction, negative for malignancy. (0/1).

9. SEGMENT 8 RE-RESECTION (FS):

- Portion of liver parenchyma with mild steatosis involving approximately 10% of hepatocytes.
- Negative for malignancy.

Note:

The metastatic focus noted on specimen 6 was not identified on frozen section slides and was present only on deeper sections of frozen section remnant. The final resection margin for segment 8 which is represented by specimen 9 is negative for malignancy.

COLON AND RECTUM, Standard(s): AJCC-UICC 8, CAP 4.2.0.2

SPECIMEN

Procedure: Right colectomy

Macroscopic evaluation of mesorectum: Not applicable

TUMOR

Tumor site: Ascending colon

Histologic type: Adenocarcinoma

Histologic grade: G2, moderately differentiated

Tumor size: Greatest dimension in centimeters (cm): 5.1 cm

Multiple primary sites: Not applicable (no additional primary site (s) present)

Tumor extent: Invasive through muscularis propria into the pericolic tissue

Macroscopic tumor perforation: Not identified

Lymphovascular invasion: Present, not otherwise specified

Perineural invasion: Present

Treatment effect: No known presurgical therapy

MARGINS

Margins status for invasive carcinoma: All margins negative for invasive carcinoma

-Closest margin(s) to invasive carcinoma: Radia/mesenteric

-Distance from invasive carcinoma to closest margin: Exact distance: 1.1 cm

Margin status for noninvasive tumor: All margins negative for high-grade dysplasia/intramucosal carcinoma and low-grade dysplasia

REGIONAL LYMPH NODES:

Regional lymph nodes status: Regional lymph nodes present. All regional lymph nodes negative for tumor.

-Number of lymph nodes examined: Exact number (specify): 31

-Tumor deposits: Not identified

DISTANT METASTASIS

Distant Site(s) Involved, if applicable: Not applicable

PATHOLOGIC STAGE CLASSIFICATION (pTNM, AJCC 8th Edition)

TNM descriptors: Not applicable

pT category: pT3

pN category: pN0

pM category: pM1a

Additional findings: Adenomatous change of appendix, negative for high-grade dysplasia and malignancy

Special studies: Pending MMR. A supplemental report will follow.

Block (s) 3H-3K are suitable for future molecular testing if clinically

indicated.

Electronically Signed Out

[REDACTED] M.D.

Procedures/Addenda

Addendum

Date Reported: 8/21/2023

Addendum Diagnosis

Immunohistochemical (IHC) testing for mismatch repair (MMR) proteins performed on block 3G renders the following results:

- MLH1: Intact nuclear expression.
- MSH 2: Intact nuclear expression.
- MSH 6: Intact nuclear expression.
- PMS 2: Intact nuclear expression.
- Background nonneoplastic tissues/internal control with intact nuclear expression.

Interpretation:

No loss of nuclear expression of MMR proteins: Low probability of microsatellite instability-high (MSI-H).

Appropriate controls reviewed.

Electronically Signed Out By [REDACTED] M.D.

Addendum

Date Reported: 10/26/2023

Electronically Signed Out [REDACTED] M.D.

Addendum

Date Reported:

Clinical History

Colon cancer metastasized to liver