

**FINAL DIAGNOSIS:****PART 1: ANUS AND RECTUM, ABDOMINAL PERINEAL RESECTION-**

- A. NODULAR MALIGNANT MELANOMA OF ANUS, BRESLOW DEPTH 10.0 MM (see comment and synoptic report).
- B. TUMOR INVADES MUSCULARIS PROPRIA.
- C. SURFACE ULCER PRESENT.
- D. MITOSES OF 1 PER MM SQUARED.
- E. SURGICAL MARGINS (PROXIMAL, DISTAL, AND RADIAL) FREE OF TUMOR.
- F. HYPERPLASTIC POLYP.
- G. PATHOLOGIC STAGE: ypT4b N2.

**PART 2: COLON, PROXIMAL RECTUM, RESECTION-**

- A. COLON WITH TWO HYPERPLASTIC POLYPS.
- B. TWO OF TWENTY-ONE LYMPH NODES WITH METASTATIC MELANOMA (2/21), LESS THAN 1 MM EACH.
- C. NO EXTRACAPSULAR SPREAD PRESENT.
- D. SURGICAL MARGINS FREE OF TUMOR.

**PART 3: SKIN MARGIN, LEFT CIRCUMFERENTIAL, EXCISION-**

- A. SKIN WITH FOCAL ACUTE INFLAMMATION.
- B. NEGATIVE FOR MALIGNANCY.

**COMMENT:**

The tumor is immunoreactive for S100, MelanA, and Tyrosinase and is negative for cytokeratin AE1/3. These results support melanoma. A left groin lymph node previously excised contains metastatic melanoma. BRAF and KIT testing have been performed previously

**CASE SYNOPSIS:****SYNOPTIC DATA - PRIMARY CUTANEOUS MELANOMA**

TUMOR LOCATION:	Family history of melanoma is unknown.
TYPE OF PROCEDURE:	Family history of dysplastic nevi is unknown.
SIZE OF TUMOR:	Other location: anus
GROSS ULCERATION:	Other: abdominal perineal resection
GROSS SATELLITES:	Maximum surface diameter of neoplasm: 45 mm
HISTOLOGIC TYPE:	Yes
SURFACE ULCERATION:	No
CLARK'S LEVEL:	Nodular
BRESLOW'S THICKNESS:	> 50%
ANGIOLYMPHATIC INVASION:	NA
PERINEURAL INVASION:	10 mm
EVIDENCE OF REGRESSION:	Present
MICROSCOPIC SATELLITES:	No
PREEXISTING NEVUS:	None (absent)
TUMOR INFILTRATING LYMPHOID INFILTRATE:	Mitotic rate: 1 / mm squared
MITOTIC RATE:	Not increased to focally increased
VASCULARITY:	Deep margin is free of tumor, Lateral margin is free of tumor
SURGICAL MARGIN INVOLVEMENT:	None
SENTINEL LYMPH NODE MAPPING:	Total number of lymph nodes examined: 21
LYMPH NODES EXAMINED:	No
COMPLETION DISSECTION:	None
EXTRACAPSULAR SPREAD:	Number of lymph nodes positive at completion dissection: 2
LYMPH NODES POSITIVE:	< 2mm
SIZE OF NODAL METASTASES:	pT4b
T STAGE, PATHOLOGIC:	pn2
N STAGE, PATHOLOGIC:	pmx
M STAGE, PATHOLOGIC:	

ICD-O-3

Melanoma, NOS 8720/3

Site: skin, anus c44.5

JW 8/19/11

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TCGA-ER-A2NB-01A-PR

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Criteria	Yes	No
Diagnosis Discrepancy		X
Primary Tumor Site Discrepancy	X	
HIPAA Discrepancy	X	
Prior Malignancy History		X
Dual/Synchronous Primary Neoplasm		X
Case is (circle): <input checked="" type="checkbox"/> QUALIFIED / <input type="checkbox"/> DISQUALIFIED		
Reviewer Initials: JW	Date Reviewed: 8/19/11	
JW 8/19/11		