

Surgical Pathology

1cD-0-3  
adenocarcinoma, endometrioid, NOS 8380/3  
Site: Endometrium C54.1  
JW  
6/3/11

TISSUE DESCRIPTION:

A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 J1 B1 B2 B3  
B4 C1 C2 C3  
C4 C5 D1 E1 E2 F1 F2 G1 H1 I1 I2  
Uterus with right ovary (2.3 x 1.2 x 0.9 cm), 3.0 cm of  
right  
fallopian tube, left ovary (2.7 x 1.3 x 0.8 cm), and 5.0  
cm of left  
fallopian tube (together weighing 145.0 grams), right and  
left  
para-aortic lymph nodes, right and left pelvic lymph  
nodes, right  
and left gonadal vessels, additional left para-aortic  
lymph node  
above inferior mesenteric artery (1.6 x 0.8 x 0.6 cm),  
sigmoid  
mesentery biopsy (2.3 x 0.5 x 0.3 cm), proximal ileal  
mesentery  
biopsy (1.1 x 0.9 0.7 cm), and distal ileal mesentery  
biopsy (1.0 x  
0.8 x 0.6 cm).

**DIAGNOSIS:**

Uterus, hysterectomy: Endometrial adenocarcinoma,  
endometrioid type  
with squamous differentiation, FIGO grade III (of  
III) forming a 6.3  
x 4.5 x 4.2 cm uterine mass. The tumor invades through  
the  
myometrium to a depth of 1.5 cm (myometrial thickness 1.6  
cm). The  
lower uterine segment and cervix is also involved by  
tumor.  
Immunohistochemical stains (estrogen receptor,  
progesterone  
receptor, pCEA, vimentin) and HPV in situ hybridization  
was  
performed on the paraffin embedded uterine tissue. The  
neoplastic  
cells are focally positive for estrogen receptor, positive  
for  
vimentin and lack staining for progesterone receptor and  
pCEA. HPV  
in situ hybridization is negative. The morphology and

UUID:3375E2AF-173B-4263-84A8-8535DF33BA69  
TCGA-D1-A2G6-01A-PR



immunohistochemical findings support an endometrial primary.

Ovaries and fallopian tubes, right and left, salpingo-oophorectomy:

Ovaries and fallopian tubes without diagnostic abnormalities, bilaterally.

Lymph nodes, right and left pelvic, excision: A single (of 7) right obturator and a single (of 4) left external iliac pelvic lymph nodes are involved by metastatic carcinoma. Multiple right (5 external iliac, 2 internal iliac, 3 common iliac) and left (4 obturator, 5 common iliac) pelvic lymph nodes are negative for tumor.

Lymph nodes, right and left para-aortic, excision: Multiple right (5 above inferior mesenteric artery; 4 below inferior mesenteric artery) and left (4 above inferior mesenteric artery; 6 below inferior mesenteric artery) lymph nodes are negative for tumor. A single additional separately submitted left para-aortic lymph node above inferior mesenteric artery is also negative for tumor.

Gonadal vessels, right and left, excision: Negative for tumor, bilaterally.

Sigmoid mesentery, biopsy: Negative for tumor.

Ileal mesentery, proximal and distal, biopsy: Negative for tumor, both sites.

Criteria	Yes	No
Diagnosis Discrepancy		
Primary Tumor Site Discrepancy		
HIPAA Discrepancy		
Prior Malignancy History		
Dual/Synchronous Primary Noted		
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	6/3/11	
Date Reviewed	6/3/11	