

Redacted

1CB-0-3

adenocarcinoma, endometrioid, NOS 8380/3

Site: endometrium c54.1 lw 9/3/11

SPECIMEN

- A. Uterus, bilateral tubes and ovaries, cervix
- B. Right pelvic lymph node
- C. Right periaortic lymph node
- D. Left pelvic lymph node
- E. Left periaortic lymph node

CLINICAL NOTES

PRE-OP DIAGNOSIS: Endometrial carcinoma

GROSS DESCRIPTION

A. Received fresh for tissue procurement labelled "uterus, bilateral tubes and ovaries, cervix" is a 119 gram, 5.5 x 4.5 x 4.5 cm symmetrical uterine corpus with attached 2.8 cm cervix and bilateral adnexa. The serosa is smooth tan-pink-red. The circular 3.7 cm white-pink ectocervix surrounds a 0.4 x 0.3 cm ovoid patent os. Endocervical mucosa is moderately trabecular tan-pink with a moderate amount of adherent blood-tinged mucus. The triangular, 4.5 x 3.9 cm uterine cavity contains a copious amount of ectophytic soft pale tan tumor. The tumor dominates within the anterior uterine cavity extending to the anterior lower uterine segment. A portion of tumor and a portion of normal endometrium are submitted for tissue procurement as requested. On sectioning, the tumor has a maximal thickness of 2.5 cm, grossly involving the upper one-third of the myometrium anteriorly. The scanty normal-appearing endometrium is flat, tan-pink with an average thickness of 0.2 cm. The myometrium is smooth to mildly trabecular tan-pink and measures up to 2.9 cm in thickness. A few well-circumscribed rubbery whorled tan-white-pink intramural leiomyomata measuring up to 1.3 cm in greatest dimension are present. Bilaterally, the tan-pink-gold ovaries average 2.3 x 1.4 x 0.9 cm. The stroma of both ovaries is tan-pink with identifiable corpora albicantia. The fimbriated tan-pink right and left fallopian tubes average 6.3 cm in length and 0.5 cm in diameter with pinpoint to stellate lumina on sectioning.

GROSS DESCRIPTION

Representative sections are submitted in 14 blocks as labelled.
RS-14.

BLOCK SUMMARY: 1 - anterior cervix; 2 - anterior LUS (point of continuity with cervix inked blue); 3-6 - representative anterior endomyometrium including lesion full-thickness sequentially from fundus to LUS; 7 - posterior cervix; 8 - posterior LUS (point of continuity with cervix inked black); 9-12 - representative posterior endomyometrium including lesion full-thickness sequentially from fundus to LUS; 13 - right tube and ovary; 14 - left tube and ovary.

B. Received fresh labelled "right pelvic lymph node" is a 5.4 x 3.6 x 1.9 cm aggregate of fragmented soft lobulated gold and yellow adipose tissue. Several soft to slightly rubbery tan-pink-gold tissues in keeping with lymph nodes measuring up to 1.6 cm in greatest dimension are recovered. The lymphoid tissues are entirely submitted in four blocks as labelled. RS-4.

BLOCK SUMMARY: 1 - five whole nodes; 2 - two whole nodes; 3-4 - one bisected node per cassette.

C. Received fresh labelled "right periaortic lymph node" is

a 2.4 x 2.0 x 1.3 cm aggregate of soft, lobulated gold and yellow adipose tissue. Two slightly rubbery tan-pink-red tissues in

keeping with lymph nodes measuring 0.3 and 0.6 cm in greatest dimension are recovered. The lymphoid tissues are entirely submitted in one block. AS-1.

D. Received fresh labelled "left pelvic lymph node" is a 5.2 x 4.2 x 1.7 cm aggregate of soft, lobulated gold and yellow adipose tissue. Several soft tan-pink-gold tissues in keeping with lymph nodes measuring up to 2.9 cm in greatest dimension are recovered. The lymphoid tissues are entirely submitted in three blocks as labelled. RS-3.

BLOCK SUMMARY: 1 - three whole nodes; 2 - five whole nodes; 3 - bisected largest node.

E. Received fresh labelled "left periaortic lymph node" is

GROSS DESCRIPTION

a 2.3 x 1.9 x 0.6 cm aggregate of soft, lobulated gold and yellow adipose tissue. Three soft tan-red tissues in keeping with lymph nodes measuring up to 0.6 cm in greatest dimension are recovered. The lymphoid tissues are submitted in toto in one block.

RS-1.

MICROSCOPIC DESCRIPTION

Histologic type: Endometrioid adenocarcinoma with squamous differentiation.

Histologic grade: Well differentiated (FIGO grade 1).

Myometrial invasion:

1 cm. depth of invasion

2.5 cm. depth of myometrial thickness

40% of myometrial wall

Cervix: Free of involvement by tumor.

Primary tumor (pT) TNM (FIGO): Tumor involves less than one half of the myometrium (pT1b) (IB).

Margins of resection: Negative.

Vascular invasion: Negative.

Regional lymph nodes (pN): Right and left pelvic lymph nodes and right and left periaortic lymph nodes are negative for metastatic carcinoma (pN0).

Distant metastasis (pM): Can not be assessed. (pMx).

Other findings: Leiomyomata.

5, 4x4

DIAGNOSIS

A. Uterus, bilateral fallopian tubes and ovaries, hysterectomy and bilateral salpingo-oophorectomy:

Invasive well differentiated endometrioid adenocarcinoma with

DIAGNOSIS

squamous differentiation involving the inner 40% of the myometrium.

The uterine cervix, both fallopian tubes and ovaries are free of involvement by tumor.

Leiomyomata.

- B. Lymph nodes, right pelvic, resection:
Nine lymph nodes negative for metastatic carcinoma (0/9).
- C. Lymph nodes, right periaortic, resection:
Two lymph nodes negative for metastatic carcinoma (0/2).
- D. Lymph nodes, left pelvic, resection:
Nine lymph nodes negative for metastatic carcinoma (0/9).
- E. Lymph nodes, left periaortic, resection:
Two lymph nodes negative for metastatic carcinoma (0/2).

M.D. (Electronic Signature)

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Criteria	Yes	No
Diagnosis Discrepancy		✓
Primary Tumor Site Discrepancy		✓
IHPAA Discrepancy		✓
Prior Malignancy History		✓
Dual/Synchronous Primary Noted		✓
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	WAS	WAS
Date Reviewed	9/3/77	