



SURGICAL PATHOLOGY REPORT

FINAL

Patient Name: [REDACTED]  
Address: [REDACTED]  
Gender: F  
DOB: [REDACTED]  
Physician(s): [REDACTED] M.D.  
[REDACTED] M.D.  
Service: [REDACTED]  
Location: [REDACTED]  
MRN: [REDACTED]  
Hospital #: [REDACTED]  
Patient Type: [REDACTED]  
Accession #: [REDACTED]  
Taken: [REDACTED]  
Received: [REDACTED]  
Accessioned: [REDACTED]  
Reprinted: [REDACTED]

**DIAGNOSIS:**

UTERUS, CERVIX, RADICAL HYSTERECTOMY  
- POORLY DIFFERENTIATED NON-KERATINIZING SQUAMOUS CELL CARCINOMA  
- EXTENSIVE LYMPHOVASCULAR SPACE INVASION  
- RESECTION MARGINS FREE OF TUMOR (SEE COMMENT AND SYNOPSIS)

UTERUS, ENDOMETRIUM, RADICAL HYSTERECTOMY  
- SECRETORY PATTERN ENDOMETRIUM WITH NO EVIDENCE OF MALIGNANCY

UTERUS, MYOMETRIUM, RADICAL HYSTERECTOMY  
- NO EVIDENCE OF MALIGNANCY

UTERUS, SEROSAL SURFACE, RADICAL HYSTERECTOMY  
- NO EVIDENCE OF MALIGNANCY

VAGINA, ANTERIOR AND POSTERIOR CLIFF, RADICAL HYSTERECTOMY  
- NO EVIDENCE OF MALIGNANCY

OVARY, RIGHT, OOPHORECTOMY  
- NO EVIDENCE OF MALIGNANCY

OVARY, LEFT, OOPHORECTOMY  
- NO EVIDENCE OF MALIGNANCY  
- HEMORRHAGIC CORPUS LUTEUM CYST

FALLOPIAN TUBE, RIGHT, SALPINGECTOMY  
- NO EVIDENCE OF MALIGNANCY

FALLOPIAN TUBE, LEFT, SALPINGECTOMY  
- NO EVIDENCE OF MALIGNANCY  
- SIMPLE PARATUBAL CYST

SOFT TISSUE, PARACERVICAL/PARAMETRIAL AREA, RADICAL HYSTERECTOMY  
- NO EVIDENCE OF MALIGNANCY  
- NO EVIDENCE OF MALIGNANCY IN TWO LYMPH NODES (0/2)

LYMPH NODE, "LEFT EXTERNAL," DISSECTION (INCLUDING FS1)

ICD-O-3  
Carcinoma, squamous cell  
non-keratinizing NOS 8072/3  
Site: Cervix NOS C53.9  
9/26/13

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- NO EVIDENCE OF MALIGNANCY IN FIVE LYMPH NODES (0/5)

LYMPH NODE, RIGHT OBTURATOR, DISSECTION (INCLUDING FS2)  
- NO EVIDENCE OF MALIGNANCY IN ONE LYMPH NODE (0/1)

LYMPH NODE, LEFT EXTERNAL, DISSECTION  
- FIBROADIPOSE TISSUE WITH NO EVIDENCE OF MALIGNANCY  
- NO LYMPH NODE TISSUE IDENTIFIED

LYMPH NODE, RIGHT PERIAORTIC, DISSECTION  
- NO EVIDENCE OF MALIGNANCY IN ONE LYMPH NODE (0/1)

LYMPH NODES, LEFT PERIAORTIC, DISSECTION  
- NO EVIDENCE OF MALIGNANCY IN FOUR LYMPH NODES (0/4)

LYMPH NODES, RIGHT OBTURATOR, DISSECTION  
- NO EVIDENCE OF MALIGNANCY IN SIX LYMPH NODES (0/6)

LYMPH NODES, LEFT OBTURATOR, DISSECTION  
- NO EVIDENCE OF MALIGNANCY IN FOUR LYMPH NODES (0/4)

LYMPH NODES, RIGHT EXTERNAL, DISSECTION  
- NO EVIDENCE OF MALIGNANCY IN FOUR LYMPH NODES (0/4)

By this signature, I attest that the above diagnosis is based upon my personal examination of the slides (and/or other material indicated in the diagnosis).

M.D.

\*\*\*Report Electronically Reviewed and Signed Out By M.D.

**Diagnosis Comment**

**SYNOPTIC REPORTING FORM FOR UTERINE CERVICAL NEOPLASMS**

1. A neoplasm is PRESENT.
2. The HISTOLOGIC DIAGNOSIS is:  
Squamous cell (epidermoid) carcinoma, invasive type, non-keratinizing subtype.
3. The MAXIMUM DEPTH OF TUMOR INVASION is 5 mm.
4. The BREADTH (MAXIMUM HORIZONTAL DIMENSION) OF THE TUMOR is 23 mm.
5. The TOTAL THICKNESS OF THE CERVIX is 16 mm.
6. Lymphatic invasion by tumor IS identified and is WIDESPREAD.
7. The NUCLEAR GRADE of the tumor is:  
G3 (Poorly-differentiated)
8. The tumor DOES NOT invade through the entire thickness of the cervix to involve contiguous parametrial soft tissues.
9. The tumor DOES NOT involve the uterine corpus.
10. The tumor DOES NOT involve the vagina.
11. Metastasis to regional lymph nodes is ABSENT.
12. The total number of metastatically-involved nodes is 0.
13. The total number of regional nodes examined is 27.
14. Extracapsular extension of metastatic tumor through the lymph node capsule is NOT APPLICABLE; NO METASTASIS IS SEEN.
15. DETAILED STAGING INFORMATION:
  - A. TUMOR GROWTH: THE PRIMARY NEOPLASM IS CLASSIFIED AS:

TNM SCHEME	FIGO SCHEME	DEFINITION
T1c	IB	Tumor confined to uterus but larger than T1a2/A2
  - B. REGIONAL LYMPH NODES are classified as:  
NO (Regional nodes are NOT involved by metastasis)
  - C. DISTANT METASTASES: The status of distant tissues is:  
M0 (distant metastases reportedly absent)
16. THE FINAL STAGE OF THE TUMOR IS:

AJCC SCHEME	FIGO SCHEME

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1b (1b/NO/MO)

1B

The pathology stage assigned here should be regarded as provisional, and may change after integration of clinical data not provided with this specimen.

**Intraoperative Consultation:**

An intraoperative non-microscopic consultation was obtained and interpreted as: "Called to operating room to pick up 'uterus and tubes, ovaries and cervix' consisting of 10 x 5.5 x 4.0 cm uterus with attached unremarkable tubes and ovaries. The parametrial tissues are inked and the uterus is opened to show a 2.3 x 2.1 cm lesion in the posterior-lateral (right) cervix. Tissue taken for Rest for permanents. Shown to surgeon," by

FS1: Lymph node, left external, biopsy - "No evidence of malignancy,"

FS2: Lymph node, right obturator, biopsy - "No evidence of malignancy,"

**Microscopic Description and Comment:**

Resection of the tumor from the cervix shows a poorly differentiated non-keratinizing squamous cell carcinoma that invades as much as 5 mm into the cervical stroma, with a wall thickness of 16 mm. The largest measurable tumor dimension is 23 millimeters. There is extensive and widespread lymphovascular space invasion evident. The tumor also undermines unremarkable squamous mucosa of the cervix. There is no tumor present in the vaginal cuff, lower uterine segment or other areas of the uterus, and all margins are free of tumor. The parametrial soft tissue are free of tumor as are both adnexae and 27 lymph nodes from different locations. The anterior ectocervix also does not show tumor as grossly suggested. For additional details, see synoptic report below.

M.D.

**History:**

The patient is a year old woman with moderately differentiated squamous cell carcinoma of the cervix. Operative procedure: Examination under anesthesia, radical hysterectomy, bilateral salpingo-oophorectomy, pelvic lymph node dissection.

**Specimen(s) Received:**

- A: UTERUS, TUBES, OVARIES, CERVIX
- B: LEFT EXTERNAL NODE
- C: LEFT EXTERNAL NODE
- D: LEFT OBTURATOR
- E: LEFT PERIAORTIC LYMPH NODE
- F: RIGHT EXTERNAL LYMPH NODE
- G: RIGHT OBTURATOR
- H: RIGHT OBTURATOR
- I: RIGHT PERIAORTIC LYMPH NODE

**Gross Description:**

The specimens are received in nine formalin-filled containers, each labeled with the patient's name. The first is additionally labeled "uterus, tubes, ovaries and cervix." It contains a uterus with bilateral adnexae, weighing 199.6 grams, measuring 10 cm fundus to cervix, 5.5 cm cornu to cornu and 4.0 cm anteroposteriorly. There is unremarkable anterior and posterior vaginal cuff present. The anterior vaginal cuff measures 3.4 cm in length x 2.0 cm in maximum dimension. The posterior vaginal cuff measures 10 cm in length x 2.0 cm in greatest dimension. The smooth, glistening, tan-white ectocervix measures 4.7 cm in length x 3.0 cm in greatest dimension. It shows a protruding ulcerated grey-white-tan 2.3 x 2.1 cm tumor located on the posterior lip and its cervical os portion. No tumor is evident at the anterior cervical lip. The tumor is excised to show ill-defined grey-white tissue of maximum depth of invasion of possible 0.9 cm. The lower uterine segment as well as the vaginal cuff are uninvolved by the tumor. The distance of the tumor to the shaved resection margin of the posterior vaginal cuff is 2.0 cm. The endocervical canal measures 3 cm in length x 1.4 cm in greatest dimension and shows tumor involvement at a length of 2.0 cm. The remainder of the endocervical mucosa is unremarkable, measuring 0.2 cm in greatest dimension, and has a grey-white glistening unremarkable color. The lower uterine segment measures 2.5 cm in length x 0.5 cm in greatest dimension. It is lined by a smooth, glistening, unremarkable, 0.2 cm thick mucosa. The pear-shaped uterine cavity measures 4.0 cm in length x 2.2 cm in greatest dimension. It is lined by a smooth, glistening, unremarkable, 0.2 cm thick

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endometrium. The myometrium varies from 1.7 to 2.2 cm and is unremarkable. The right ovary measures 2.2 x 1.7 x 0.5 cm and is lined by a smooth, glistening, unremarkable serosal surface. It is sectioned to show no abnormalities. The right fallopian tube measures 3 cm in length x 0.4 x 0.4 cm. It has previously been ligated. The fimbriated end measures 2.0 x 1.4 x 0.2 cm. The fallopian tube is lined by a smooth, glistening unremarkable serosal surface. The left ovary measures 3.0 cm in length x 1.5 x 1.2 cm. It has an unremarkable grey-white glistening serosal surface. However, there is a polypoid nodule on the posterior superior portion of the ovary noted, measuring 1.5 x 1.0 x 0.4 cm. That nodule and the ovary are sectioned to show the nodule composed of old clotted hemorrhage surrounded by a yellow rim, suggesting of a hemorrhagic corpus luteum. There is a cyst in the ovary with a smooth internal lining, measuring 0.7 x 0.5 x 0.5 cm. It contains clear fluid. No lesions are otherwise noted. The previously ligated left fallopian tube measures 2.6 x 0.2 x 0.3 cm with the fimbriated end measuring 2.0 x 0.5 x 0.4 cm. It is surrounded by a smooth, glistening, unremarkable serosal surface. Sections show no abnormalities. There is a paratubal cyst noted measuring 1.6 x 1.0 x 1.0 cm, surrounded by a smooth, glistening, unremarkable surface. Sections show clear fluid. The internal lining is smooth and shiny without abnormalities. Labeled A1 - shaved anterior vaginal cuff; A2 and A3 - shaved posterior vaginal cuff; A4 to A7 - tumor on posterior cervix in direction of paracervical soft tissue and vaginal cuff; A8 and A9 - tumor in direction of right lateral paracervical soft tissue; A10 - lower uterine segment in direction of tumor; A11 - posterior endometrium direction of serosal surface; A12 - anterior endometrium direction of serosal surface; A13 - anterior lower uterine segment in direction of unremarkable anterior endocervix; A14 to A16 - unremarkable anterior ecto- and endocervix; A17 to A20 - right paracervical/parametrial adipose tissue; A21 to A24 - left paracervical/parametrial adipose tissue; A25 - right ovary; A26 - right fallopian tube; A27 - left ovary; A28 - left fallopian tube; A29 - paratubal cyst. Jar 2.

The second container is labeled "left external node (FS1/X1)." It contains a white cassette without labelling, containing two pieces of yellow-tan-brown soft tissue, measuring 2.6 x 0.7 x 0.4 cm and 2.3 x 0.1 x 0.4 cm, representing remainder of the first frozen section. Labeled B1 (FS1). Also in the same container additional piece of yellow adipose tissue, ranging from 1.5 x 0.9 x 0.4 cm to 5.0 x 2.0 x 0.4 cm. No lymph nodes are evident. Labeled B2 and B3. Jar 0.

The third container is labeled "right obturator (FS2)." It contains white cassette, labeled "FS2," containing one piece of tan-brown-yellow soft tissue, measuring 0.7 x 0.5 x 0.2 cm, representing the remainder of the second frozen section. Labeled C (FS2). Jar 0.

The fourth container is labeled "left external node." It contains several pieces of grey-yellow-tan soft tissue ranging from 0.3 x 0.2 x 0.2 cm to 1.0 x 0.5 x 0.4 cm. There is no evidence of lymphoid tissue. Labeled D. Jar 0.

The fifth container is labeled "right periaortic lymph node." It contains one lymph node measuring 3 x 0.6 x 0.6 cm. It is bisected to show no abnormalities. Labeled E. Jar 0.

The sixth container is labeled "left periaortic lymph node." It contains two pieces of adipose tissue, measuring 1.0 x 0.7 x 0.4 cm and 1.9 x 1.0 x 0.4 cm. Two possible lymph nodes are noted measuring 0.4 x 0.3 x 0.2 cm and 0.6 x 0.4 x 0.2 cm. They are unremarkable. Labeled F. Jar 0.

The seventh container is labeled "right obturator." It contains several pieces of tan-brown soft tissue, ranging from 0.5 x 0.4 x 0.4 cm to 2.8 x 1.5 x 0.4 cm. Several lymph nodes are dissected from the adipose tissue, ranging from 0.2 x 0.2 x 0.2 cm to 2.6 x 1 x 1 cm. The larger ones are bisected to show no abnormalities. Labeled G1 to G3 - one lymph node each (entirely submitted); G4 - additional lymph nodes. Jar 1.

The eighth container is labeled "left obturator." It contains one piece of yellow multilobulated tan-brown adipose tissue measuring 4 cm in length x 1.0 x 1.0 cm. Several lymph nodes are identified ranging from 0.3 x 0.2 x 0.2 cm to 1.2 x 0.4 x 0.4 cm. The larger one is bisected to show no abnormalities. Labeled H1 - one lymph node (entirely submitted); H2 - possible additional lymph nodes. Jar 0.

The ninth container is labeled "right external lymph node." It contains one piece of yellow adipose tissue, measuring 4.0 x 2.0 x 1.0 cm. Several possible lymph nodes are dissected from the adipose tissue, ranging from 0.2 x 0.1 x 0.1 cm to 1.7 x 1.5 x 0.4 cm. The larger ones are bisected to show no abnormalities. Labeled I1 and I2 - one lymph node each (entirely submitted); I3 - possible additional lymph nodes. Jar 0.

M.D.

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Criteria	Yes	No
Diagnosis Discrepancy		<input checked="" type="checkbox"/>
Primary Tumor Site Discrepancy		<input checked="" type="checkbox"/>
HIPAA Discrepancy		<input checked="" type="checkbox"/>
Prior Malignancy History		<input checked="" type="checkbox"/>
Dual/Synchronous Primary Noted		<input checked="" type="checkbox"/>
Case is (circle):	<input checked="" type="radio"/> QUALIFIED / <input type="radio"/> DISQUALIFIED	
Reviewer Initials	SE	Date Reviewed: 9/18/13

END OF REPORT