



Pathology Report

Accession Number: BS12A21973 Report Status: Final
Type: Surgical Pathology
Specimen Type: Rib marrow squeeze
Procedure Date: 05/10/2012
Ordering Provider: DAVID J SUGARBAKER M.D.

CASE: BS-12-A21973
PATIENT: SAMANTHA WALKER

Resident: Melanie E. Johncilla, M.D.
Pathologist: Lucian R Chirieac, M.D.

PATHOLOGIC DIAGNOSIS:

- A. RIGHT RIB:
Bone marrow with maturing trilineage hematopoiesis.
- B. RIGHT PLEURAL BIOPSY (Including FSA):
METASTATIC MUCINOUS ADENOCARCINOMA.
- C. LEVEL 10:
METASTATIC MUCINOUS ADENOCARCINOMA in one (1) of one (1) lymph node.
- D. 4 R:
Two (2) lymph nodes, negative for tumor.
- E. 7:
METASTATIC MUCINOUS ADENOCARCINOMA in one (1) of one (1) lymph node.
- F. 9:
One (1) lymph node, negative for tumor.
- G. 11:
METASTATIC MUCINOUS ADENOCARCINOMA.
- H. VISCERAL PLEURA:
METASTATIC MUCINOUS ADENOCARCINOMA.
- I. RIGHT LUNG (Including FSB):
METASTATIC MUCINOUS ADENOCARCINOMA present at apical, lateral, anterior
and posterior pleural surfaces.
Bronchial resection margin, negative for tumor.
Detached fragment of METASTATIC MUCINOUS ADENOCARCINOMA.
Uninvolved lung with no emphysema.
Six lymph nodes, negative for tumor.
- J. DIAPHRAGM:
METASTATIC MUCINOUS ADENOCARCINOMA.

CLINICAL DATA:

History: Not given
Operation: Bronch, R thoracotomy, right EPP with IOHC
Operative Findings: Not given
Clinical Diagnosis: Metastatic mucinous adenocarcinoma.

TISSUE SUBMITTED:

- A/1. Right rib.
- B/2. Right pleural biopsy (FS).
- C/3. Level 10.
- D/4. 4R.
- E/5. 7.
- F/6. 9.
- G/7. 11.
- H/8. Visceral pleura.
- I/9. Right lung (FS).
- J/10. Diaphragm.



Pathology Report

O.R. CONSULTATION:

SPECIMEN LABELED "#2 RIGHT PLEURAL BIOPSY" (FSA):
Metastatic mucinous adenocarcinoma.

SPECIMEN LABELED "#9 RIGHT LUNG" (FSB):
Bronchial resection margin; negative for tumor.

OR Consultation by: William Robert Welch, M.D.
Resident: Emily Mason, M.D., Ph.D.

The senior physician certifies that he/she personally conducted a gross and/or microscopic examination of the described specimen(s) and rendered or confirmed the rapid diagnos(es) related thereto.

GROSS DESCRIPTION:

The specimen is received fresh, in ten parts, labeled with the patient's name and medical record number.

Part A, "right rib", consists of a segment of rib (16 x 1.5 cm). No gross lesions or masses. Marrow is expressed and is entirely submitted for histologic evaluation.

Micro A1: Rib marrow squeeze, multi frags, ESS.

Part B, "#2. Right pleural biopsy", consists of one tan/pink fragment of fibroadipose tissue (1.8 x 1.6 x 0.2 cm). A representative section of the cross section of the specimen is submitted for frozen section evaluation as FSA. The entire specimen is submitted for histologic evaluation.

Micro B1: Remnant of FSA, 1 frag, ESS.
Micro B2: Unfrozen fragment, 2 frags, ESS.

Part C, "#3. Level 10", consists of one tan/brown and gelatinous fragment of the specimen (2.1 x 1.6 x 1.1 cm). The entire specimen is submitted for histologic evaluation.

Micro C1: Soft tissue, 1 frag, ESS.

Part D, "4R", consists of two fragments of tan/brown anthracotic soft tissue fragments consistent with two lymph node candidates (1.1 x 0.5 x 0.5 cm, 0.5 x 0.4 x 0.3 cm). The entire specimen is submitted for histologic evaluation.

Micro D1: 2 lymph node candidates, 2 frags, ESS.

Part E, "#5. 7", consists of multiple fragments of tan/brown soft tissue (2.9 x 2.1 x 0.7 cm). The entire specimen is submitted for histologic evaluation.

Micro E1: Soft tissue, 3 frags, ESS.

Part F, "#6. 9", consists of one fragment of tan/brown anthracotic soft tissue (1.6 x 0.6 x 0.5 cm). The entire specimen is submitted for histologic evaluation.

Micro F1: 1 lymph node candidate, 1 frag, ESS.

Part G, "#7. 11", consists of one fragment of tan and white and anthracotic soft tissue consistent with one grossly involved lymph node candidate (1.1 x 1.1 x 0.7 cm). The entire specimen is submitted for histologic evaluation.

Micro G1: 1 lymph node candidate, 1 frag, ESS.

Part H, "#8. Visceral pleura", consists of two fragments of gelatinous tissue admixed with tan/brown firm soft tissue (5 x 1.7 x 1.1 cm, 2.2 x 0.9 x 0.5 cm). The entire specimen is submitted for histologic evaluation.

Micro H1-H3: Soft tissue, 1 frag in each cassette, ESS.



Pathology Report

Part I, "right lung", consists of a 366.5 gram right pneumonectomy specimen (19 x 12 x 4 cm) with an open bronchial resection margin (2 cm in diameter x 2 cm in length). The bronchial resection margin is frozen en face as FSB. The pleural surface/lung parenchyma exhibits multiple (greater than twenty five) tan/white gelatinous nodules (0.6 to 5.5 cm in greatest dimension). The largest nodule/mass exhibits an area of adherent pleura (5 x 2.5 cm). Also received in the same container is an aggregate of multiple tan/pink fibromembranous soft tissue fragments consistent with pleura which exhibits tan/white gelatinous nodules (0.2 to 2.0 cm in greatest dimension). sagittal sectioning of the lung reveals a somewhat well-circumscribed tan/white gelatinous nodule in the apical portion of the lung (5 x 4 x 3cm) that is abutting and appears to grossly protrude through the visceral and parietal pleura of a similar but smaller nodule that is found throughout the lung parenchyma. Gross photos are taken. Representative sections of the nodule are submitted for OncoMap and for CAMD. Representative sections are submitted for histologic evaluation.

Micro I1: Remnant of FSB, 1 frag, ESS.
Micro I2: Apical pleural margin, 1 frag, ESS.
Micro I3: Medial pleural margin, 1 frag, ESS.
Micro I4: Lateral pleural margin, 1 frag, RSS.
Micro I5: Anterior pleural margin, 1 frag, RSS.
Micro I6: Posterior pleural margin, 1 frag, RSS.
Micro I7-I9: Additional nodules, multi frags, RSS.
Micro I10: Upper lobe, 1 frag, RSS.
Micro I11: Uninvolved middle lobe, 1 frag, RSS.
Micro I12: Uninvolved lower lobe, 1 frag, RSS.
Micro I13: Perihilar lymph nodes, 3 frags, ESS.
Micro I14: Peribronchial lymph nodes, 4 frags, ESS.
Micro I15: Additional fibromembranous and gelatinous tissue, 1 frag, RSS.

Part J, "#10. Diaphragm", consists of a segment of fibrous tissue and muscular tissue consistent with diaphragm (11.5 x 4.3 x 2.2 cm in aggregate). The surface of one of the segments contains a tan/white gelatinous nodule (3 x 2.3 x 0.5 cm). There are other similar but smaller nodules (1 cm in greatest dimension) throughout the remainder of the specimen. Representative sections are submitted for histologic evaluation.

Micro J1-J5: Diaphragm with nodules, multi frags, RSS.

CASE NUMBER: BS-12-21973.

Dictated by: Johncilla, Melanie

By his/her signature below, the senior physician certifies that he/she personally conducted a microscopic examination ("gross only" exam if so stated) of the described specimen(s) and rendered or confirmed the diagnosis(es) related thereto.

Final Diagnosis by Lucian R Chirieac M.D., Electronically signed on Tuesday May 15, 2012 at 10:58:52AM