

DEPARTMENT OF ANATOMICAL PATHOLOGY
NATIONAL HOSPITAL FOR RESPIRATORY DISEASES (TEACHING)
WELISARA – SRI LANKA

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HISTOLOGY REPORT

Name :- Ms. Nirosha M. Karunaratna.

Age :- 51yrs.

Sex :- Female.

Requesting Dr:- Dr. D.M.S. Handagala.

Date Received: - 06.12.2024

Ref. No: - RD1526H/24.

Hospital: - NHRD – Welisara.

Ward: - 06

BHT/clinic No: - 13187/24

Date Issued: - 12.12.2024.

Clinical history:- Left lung lower lobe apical lesion.

CT - Left lung lower lobe apical segment lesion with multiple hilar and supraclavicular lymph nodes.

FOB – Left segment 6 bronchial obstruction.

Specimen:-

- A: Tru cut biopsy of left lung lower lobe lesion 01 for histology.
- B: Tru cut biopsy of left lung lower lobe lesion 02 for histology.
- C: Tru cut biopsy of left lung lower lobe lesion 03 for histology.
- D: Tru cut biopsy of left lung lower lobe lesion 04 for histology

Macroscopy:-

- A: Received six fragments of tissue largest measuring – 04 x 04 x 04 mm. Smallest measuring – 02 x 02 x 02 mm. (AI passed in 01 block).
- B: Received a fragment of tissue measuring – 10 x 02 x 02 mm. (AI passed in 01 block).
- C: Received a fragment of tissue measuring – 10 x 02 x 02 mm. (AI passed in 01 block).
- D: Received two fragments of tissue larger measuring – 03 x 02 x 02 mm. Smaller measuring – 03 x 01 x 01 mm. (AI passed in 01 block).

Microscopy:-A-D: Sections reveal a linear core and fragments of lung tissue with an infiltrating adenocarcinoma. The tumor shows predominant lepidic morphology with some areas showing micropapillae and acinar structures. There are Psammoma bodies in both tumor areas and in adjacent non neoplastic lung tissue.

Diagnosis:- A-D: Left lung lower lobe lesions tru cut biopsies:-

- An infiltrating adenocarcinoma with lepidic, micropapillary and acinar morphology identified.
- Findings favor a primary lung adenocarcinoma.
- Wax block can be issued on request for further studies.

Note:- The previous biopsy RD 1524H/24 was reviewed with the immunohistochemistry.

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