

Pathology Report: sQEVZxqLITVSnZe_CHEST

Patient Name: sQEVZxqLITVSnZe

Date of Birth: 01/08/1970

Medical Record Number: MRN10000013

Study Description: RT^CHEST_Customized (Adult)

Date of Surgery: 03/30/2025

Date of Report: 04/04/2025

Clinical History

Female patient with a history of smoking who presented with cough, hemoptysis, and unintentional weight loss. Chest computed tomography revealed a centrally located lung mass.

Specimen

Left lower lobectomy specimen.

Gross Description

The lobectomy specimen measures 8.0 x 6.0 x 4.0 cm. A poorly circumscribed, gray-white mass measuring 3.2 cm in greatest dimension is identified near the bronchial margin. Resection margins are inked for evaluation.

Microscopic Description

Sections demonstrate a neoplasm with squamous differentiation characterized by keratinization and intercellular bridges. The tumor is moderately differentiated.

Immunohistochemistry

p40: Positive

CK5/6: Positive

Ki-67: 30%

Diagnosis

Left lower lobectomy:

Squamous cell carcinoma of the lung, Stage II (pT2aN0M0)

Comments

Complete surgical resection achieved with clear margins. Recommend multidisciplinary review for potential adjuvant therapy.

Pathologist: Dr. Emily Roberts, MD

Electronic Signature: Emily Roberts, MD

Date Signed: 04/04/2025