



2025

KARNATAKA RADIOLOGY EDUCATION PROGRAM

CHIEF COMPLAINTS

Name: XYZ

Age: 57 years

Sex: Male

Occupation: Retired construction worker

Chief Complaint

Progressive shortness of breath and chest pain for 4 months.

History of Present Illness:

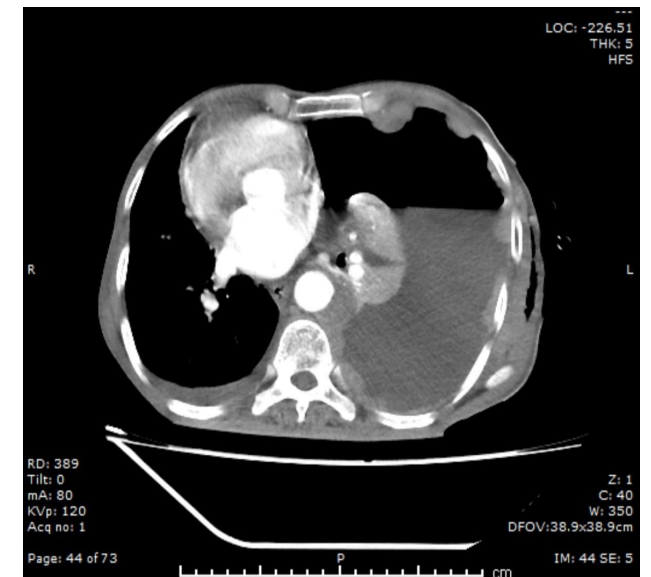
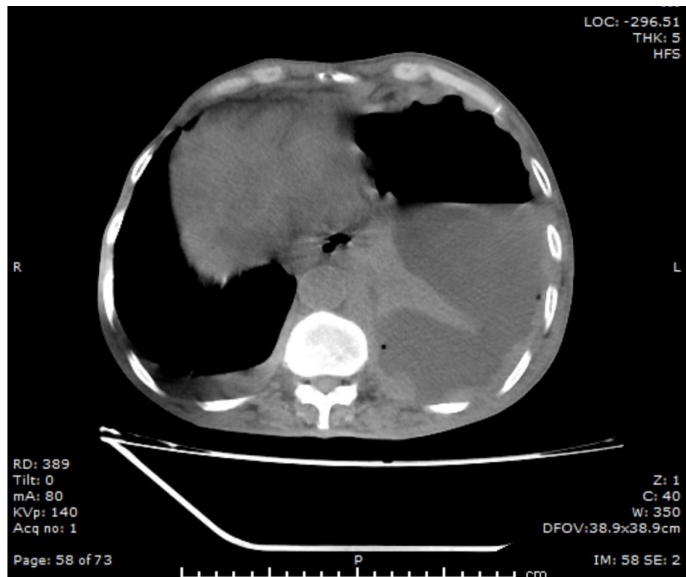
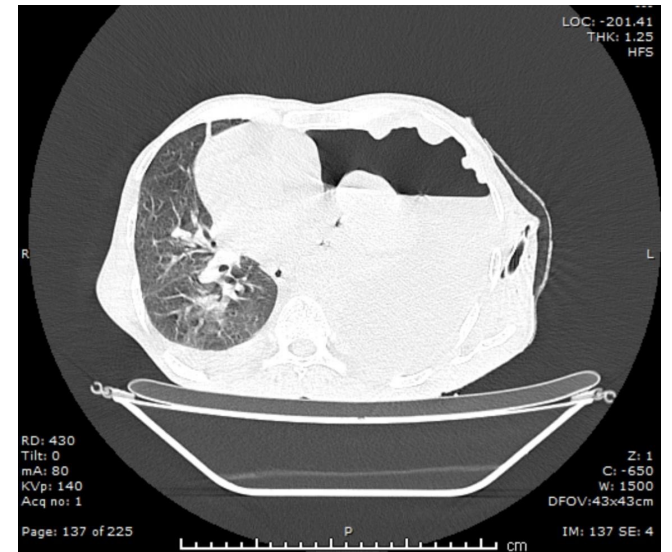
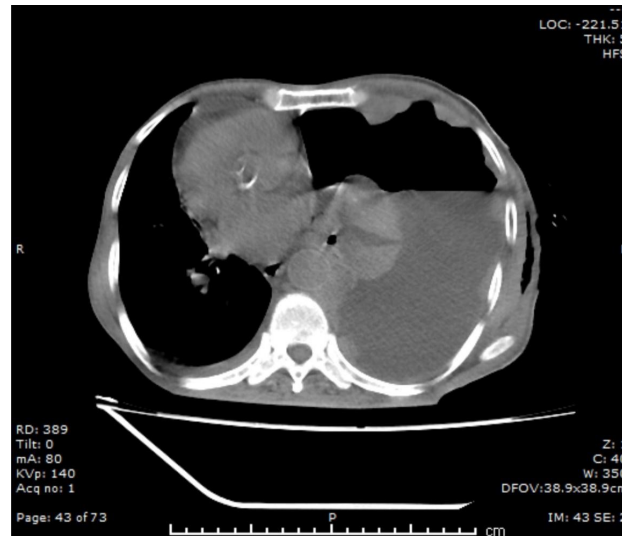
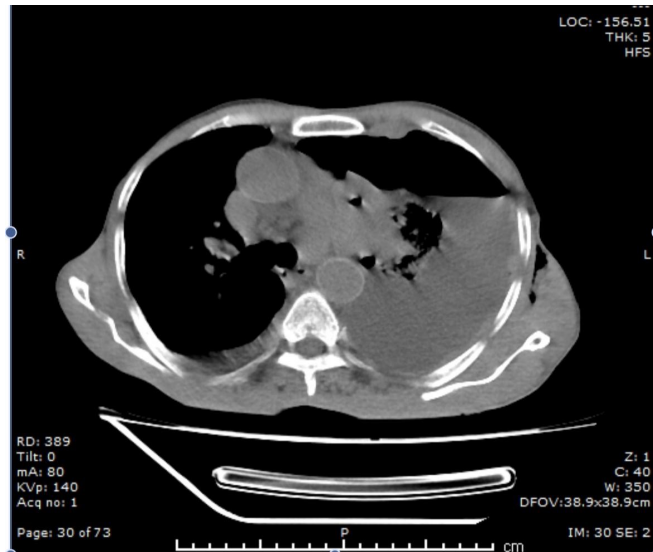
Patient presented with progressively worsening dyspnea, initially on exertion, now present at rest. He also reports left sided, dull chest pain that is non-radiating and persistent, with occasional dry cough. He denies hemoptysis, fever, or significant weight loss, though he notes a loss of appetite and 5 kg weight loss over the past 3 months.

-Past Medical History

No history of tuberculosis or chronic obstructive pulmonary disease.

No prior surgeries or major illnesses.

CT



CT FINDINGS

- Ill defined heterogeneously enhancing soft tissue attenuation mass lesion noted in the prevascular space in left aspect of mediastinum and left tracheo-esophageal groove and left pre-vertebral space and left hilum completely encasing left CCA, left subclavian artery and partial encasing distal arch of aorta.
- Irregular nodular heterogeneously enhancing left sided circumferential pleural thickening
- Left gross hydropneumothorax noted with complete collapse /consolidation of underlying lung and contralateral tracheomediastinal shift
- Few pre-paratracheal and subcarinal lymphnodes seen, largest measuring 2.1x1.4cm.
- Right mild pleural effusion.

IMPRESSION

Ill defined heterogeneously enhancing soft tissue attenuation mass lesion noted in the prevascular space in left aspect of mediastinum and left tracheoesophageal groove and left pre-vertebral space and left hilum completely encasing left CCA, left subclavian artery and partial encasing distal arch of aorta with left sided circumferential pleural thickening and gross hydropneumothorax

Features suggestive of Mesothelioma v/s metastasis

Differential diagnosis to be considered-

1. Mesothelioma
2. Metastasis

**->Histopathological report confirmed
MESOTHELIOMA**

MENTORS

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