



2025

KARNATAKA RADIOLOGY EDUCATION PROGRAM

CHIEF COMPLAINTS

Name: ABC

Age/Sex: 55-year-old Female

Occupation: Housewife

Chief Complaint

Fever, back pain, and generalized malaise for the past 2 weeks.

History of Present Illness:

Patient reports low-grade fever for 2 weeks, escalating in the last 4 days, associated with chills.

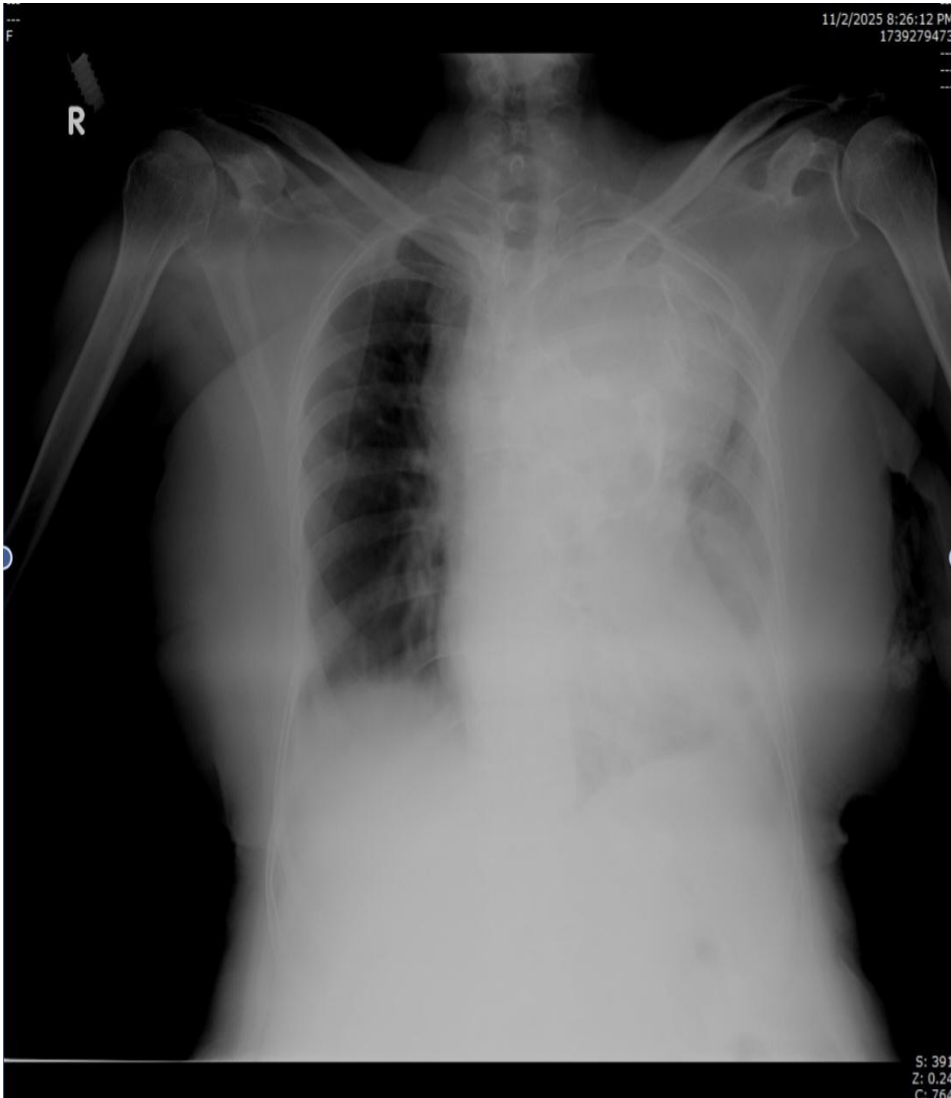
Complains of dull, constant back pain radiating to the lower abdomen.

Recently noticed weight loss (~4 kg over 3 weeks) and reduced appetite.

No history of trauma.

No hematuria, cough, or gastrointestinal symptoms.

X-RAY



- Extensive widening of superior mediastinum along arch and descending aorta, specs of calcification with in it
- volume loss in left lung with homogeneous opacity in left mid and lower zone
- cardiomegaly

CT





CT FINDINGS

- Evidence of multiple outpouching noted along the aortic arch till at the level of branchiocephalic trunk measuring 4.5x3.7cm with peripheral rim calcification
- Another outpouching at the level of origin of left CCA measuring about 2.8x2.3cm with luminal thrombus.
- At the level of aortic arch measuring about 9.7x8.5cm distal to origin of left CCA showing peripheral and internal linear calcification with multiple air foci
- Medially, compressing the trachea right main bronchus and esophagus and causing mass effect on D2 & D3 spine .
- Laterally, causing compression of upper lobe bronchus.
IMPRESSION: Above features likely suggestive of Aortic mycotic aneurysm

-Features suggestive of mycotic Aortic
Aneurysm because of presence of Air pockets

MENTORS

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THANK YOU