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Disease-Focused Panels

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Thymic carcinoid

Presented By:
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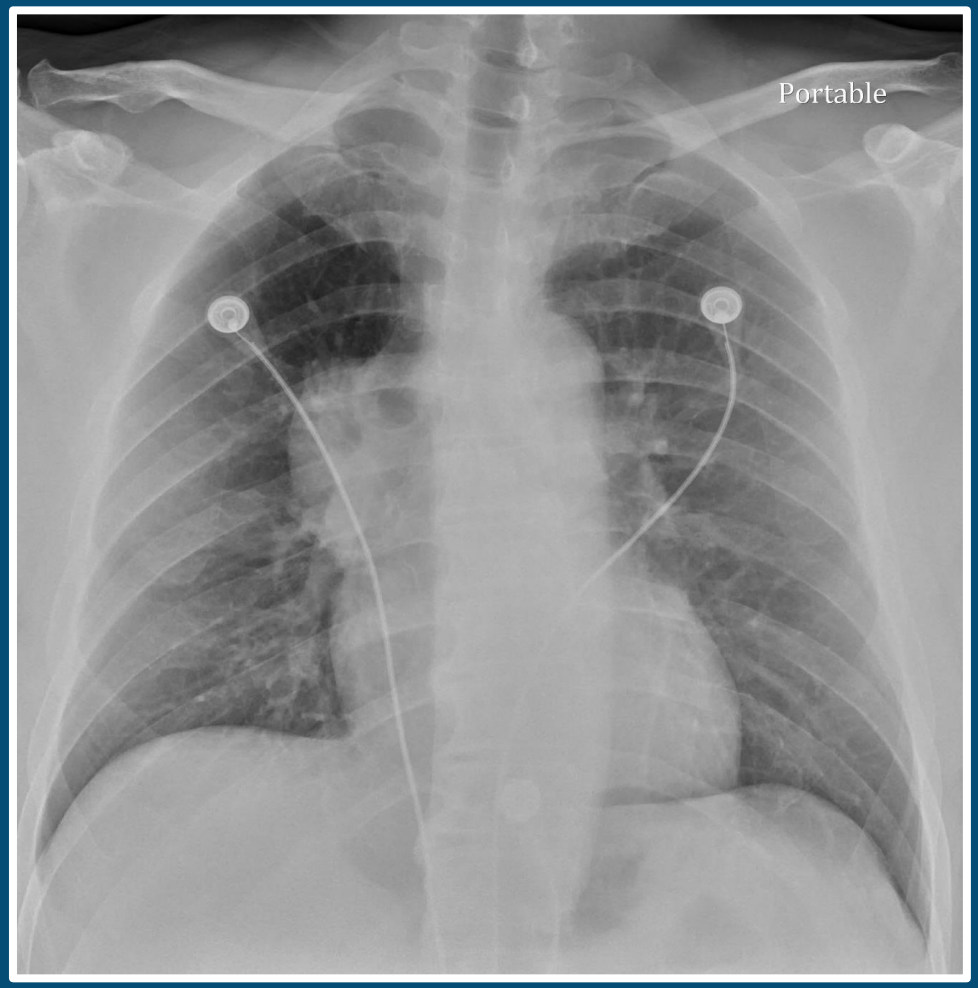
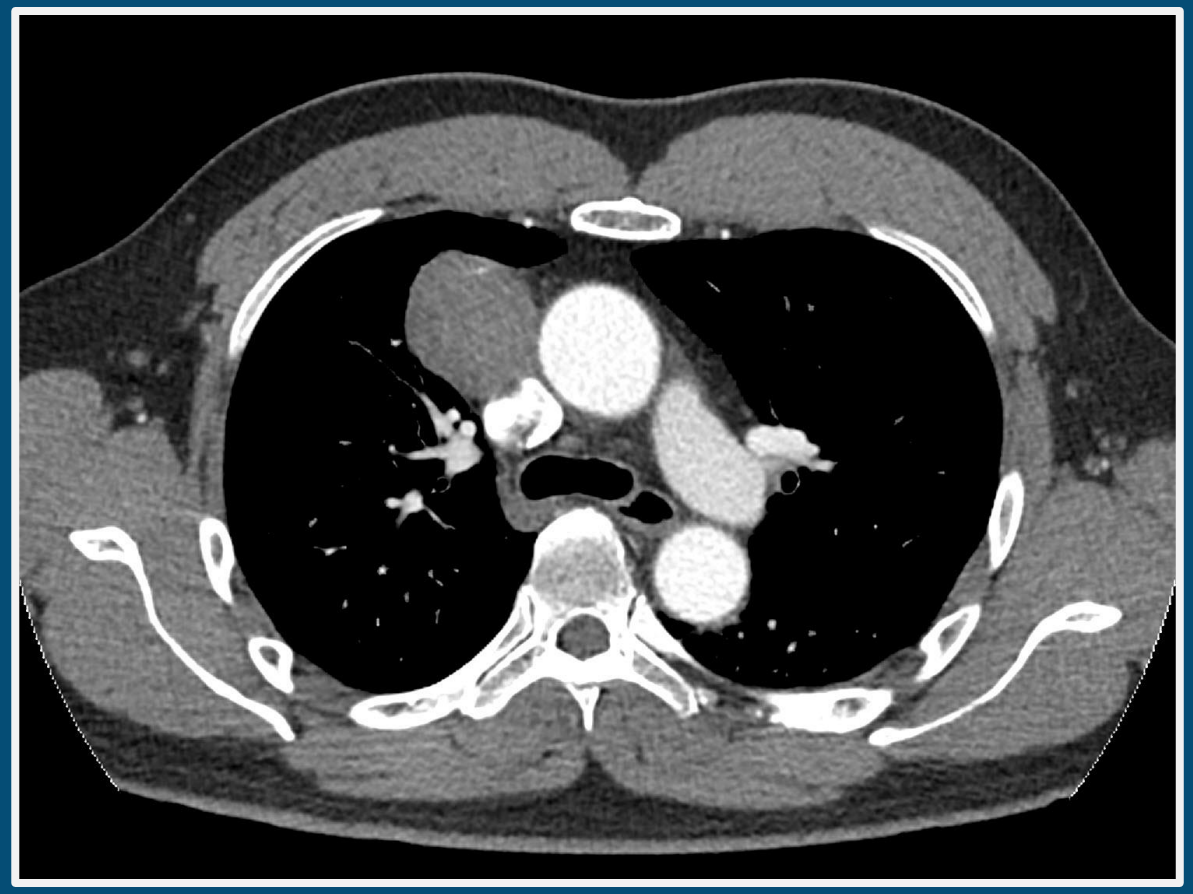
60 year old male with chest tightness

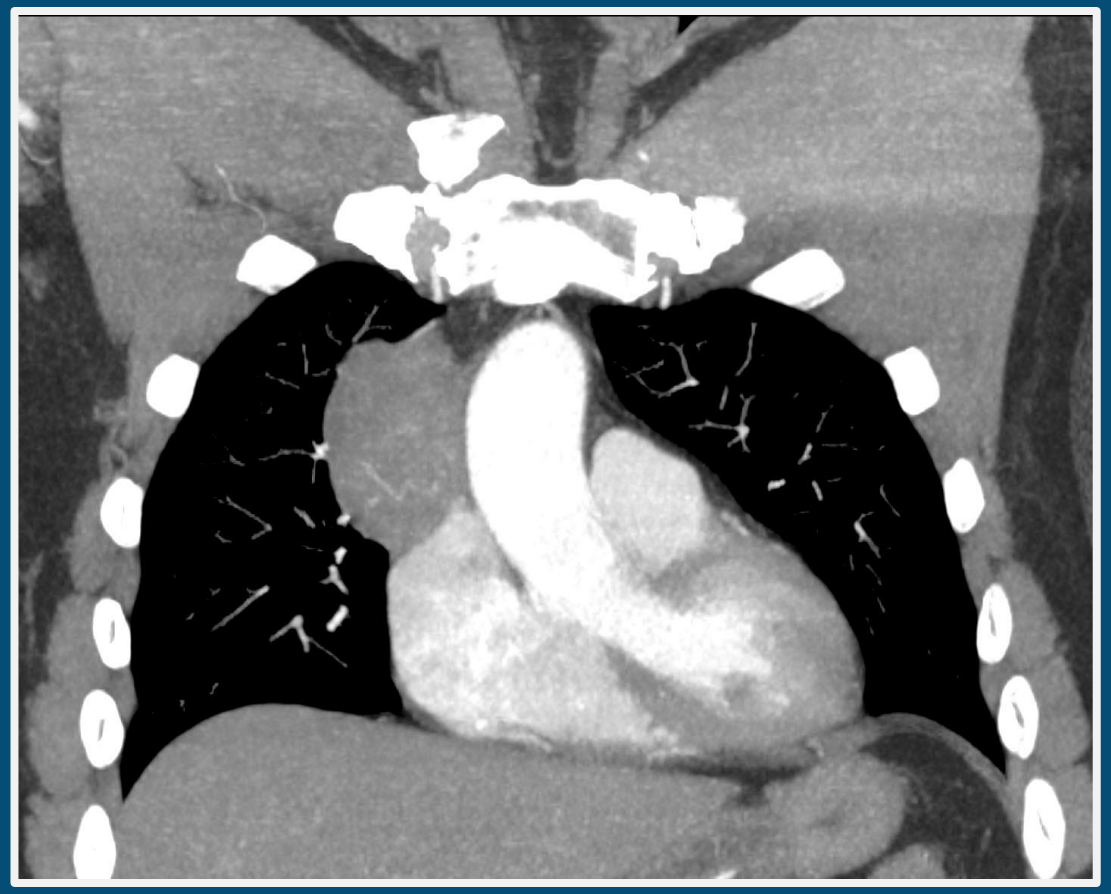
60 year old male with chest tightness and new onset hypertension.

Portable AP chest radiograph shows expansion of the mediastinum, suspicious for a mediastinal mass.



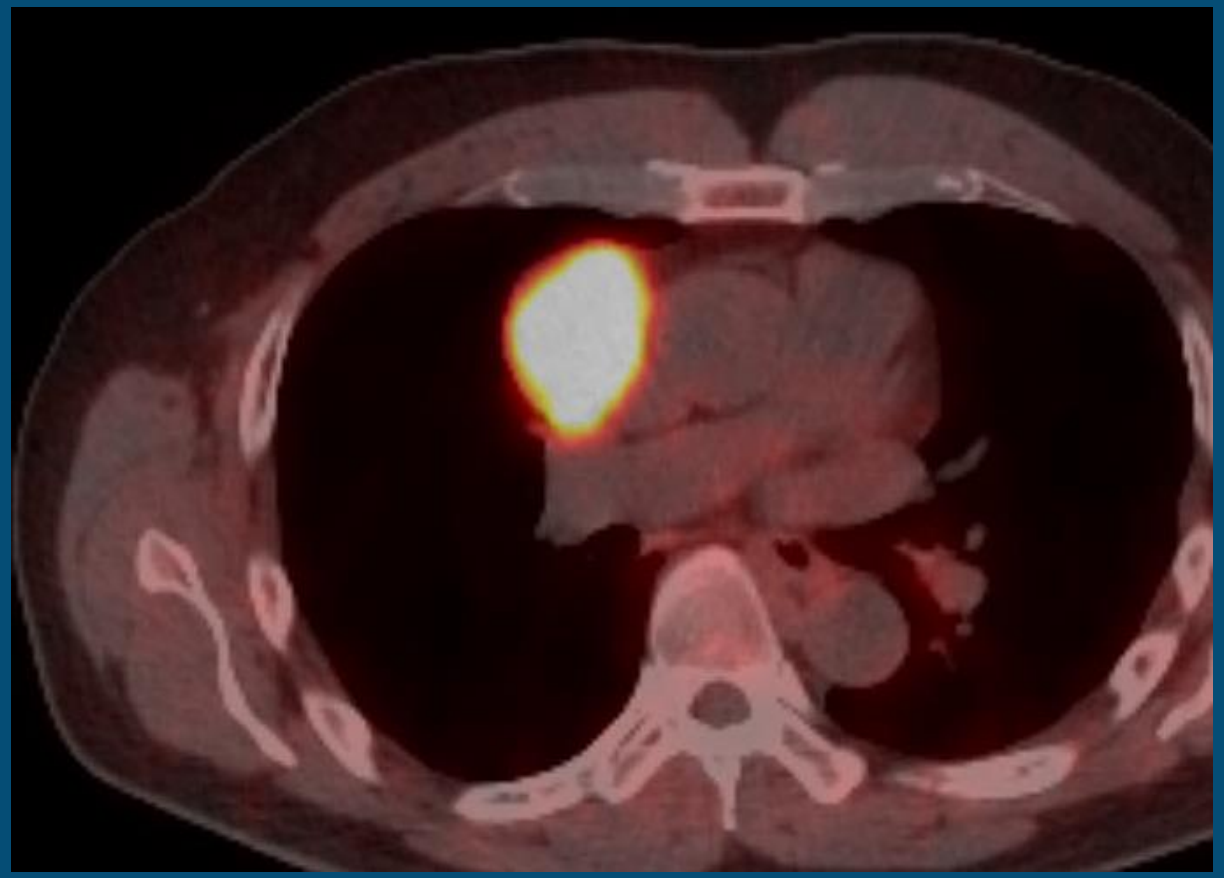
60 year old male with chest tightness





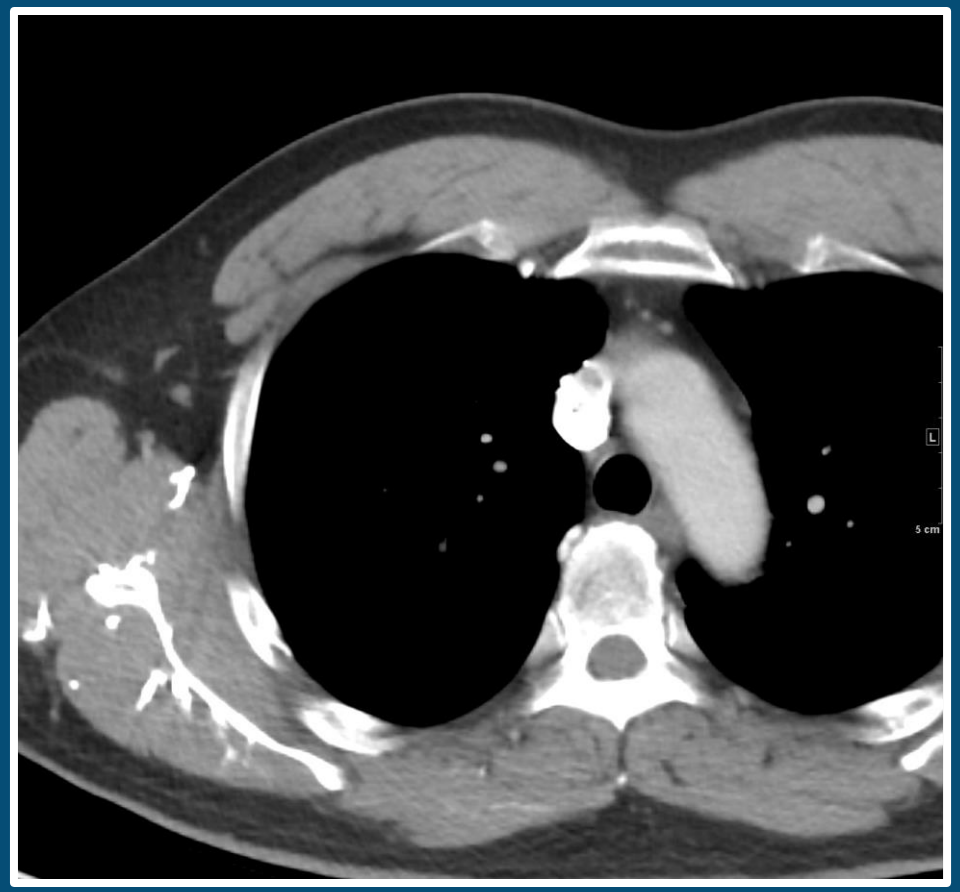
Contrast enhanced CT scan confirms a 4.5 cm anterior mediastinal mass abutting the SVC

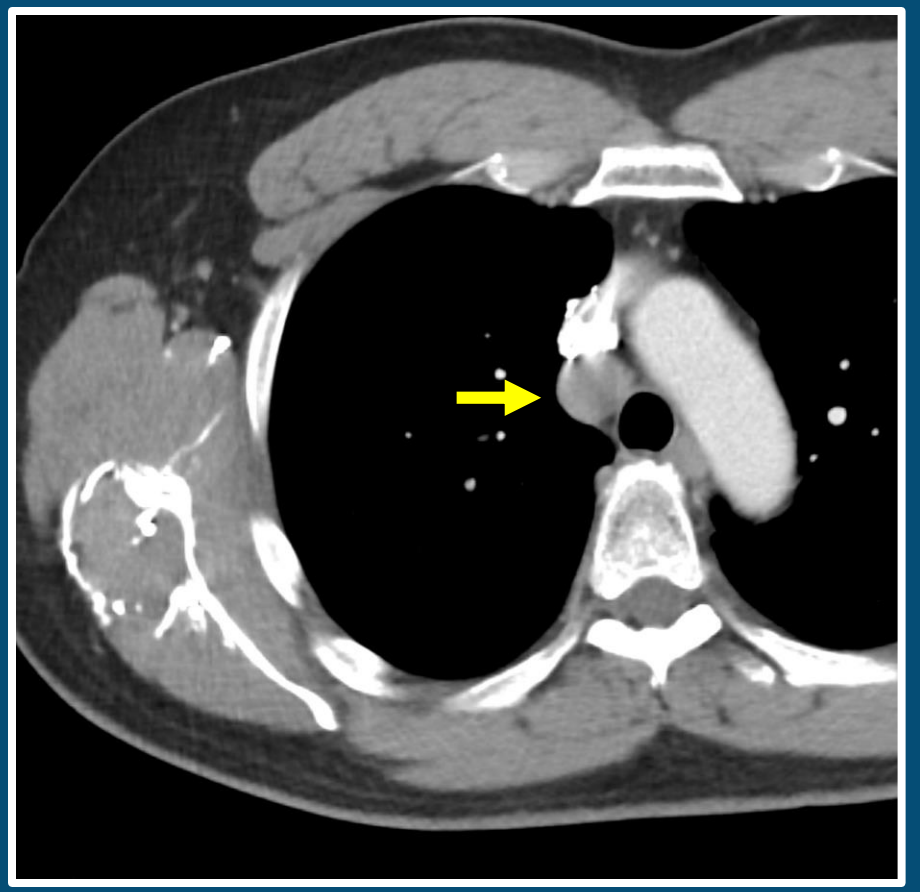
60 year old male with thymic atypical carcinoid



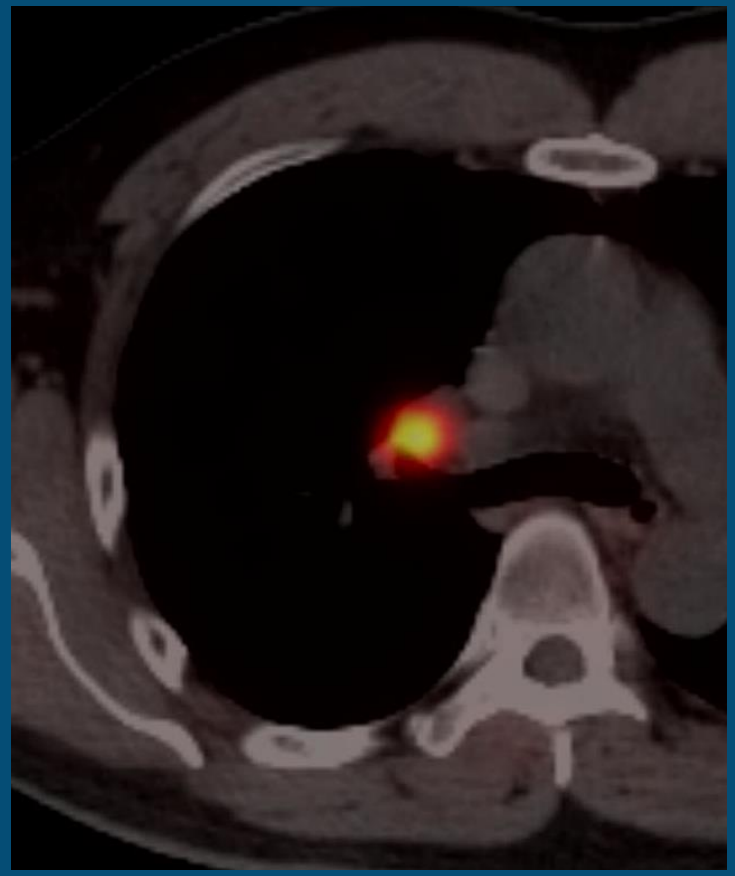
GA-68 DOTATATE PET shows avidity of the anterior mediastinal mass and no distant metastases.

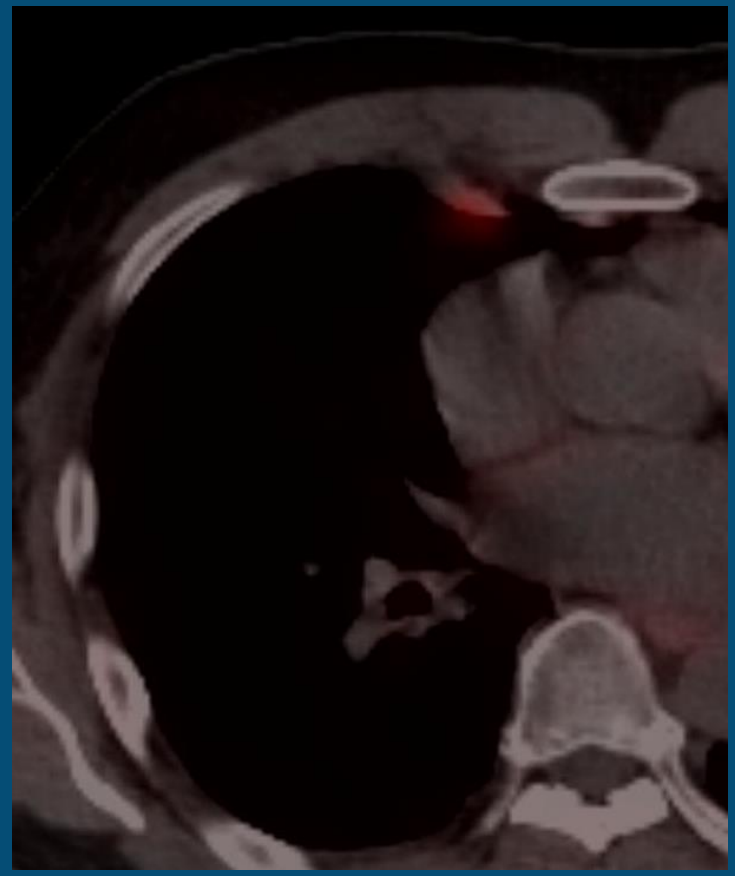
60 year old male with thymic atypical carcinoid





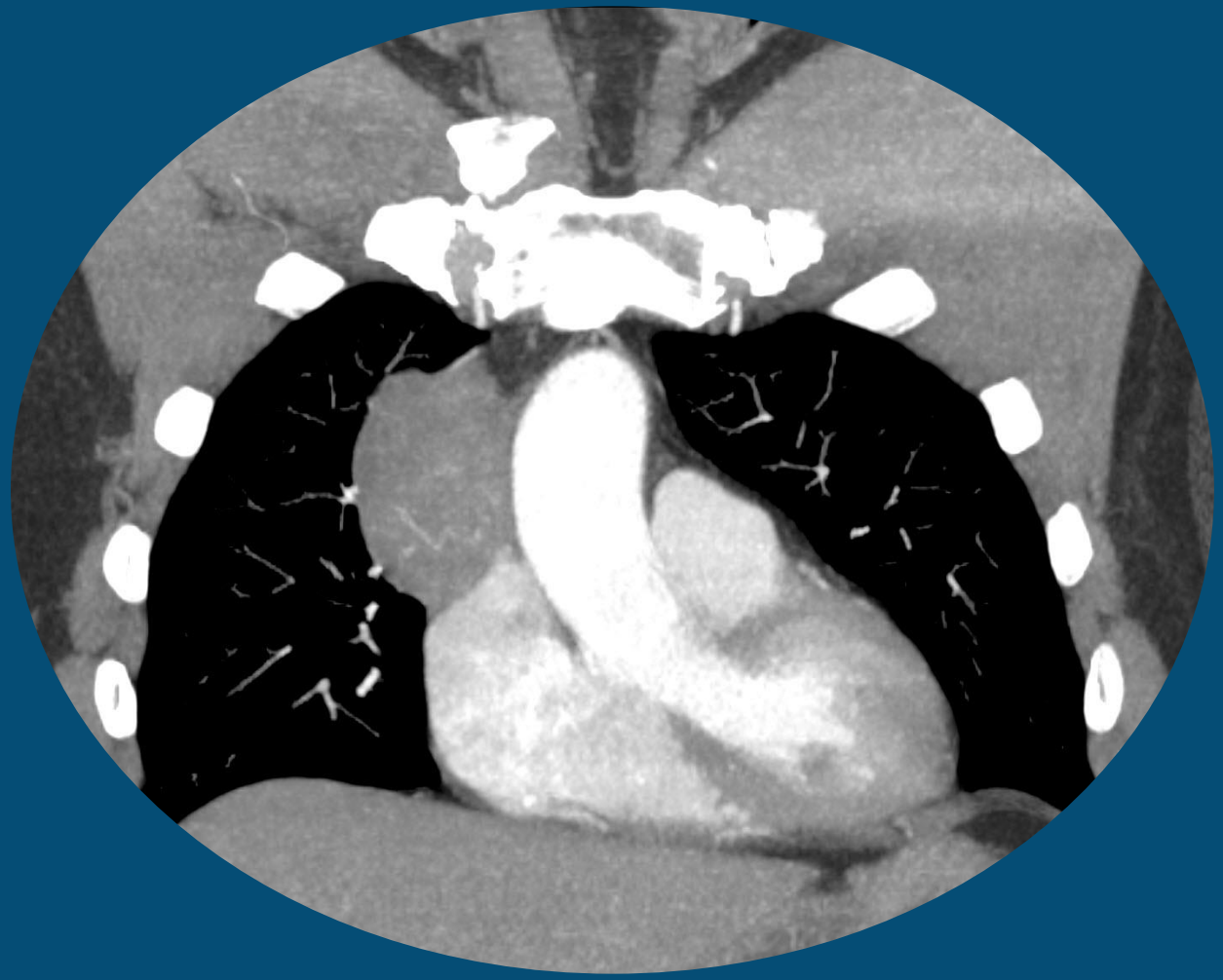
60 year old male with thymic atypical carcinoid





Thymic carcinoid

- Very rare, 2-5% of thymic epithelial neoplasms
- Often a large mass (2-10 cm); may have necrosis or cystic component in atypical thymic carcinoids
- Invasive of mediastinal structures; irregular contours
- Association with multiple endocrine neoplasia (MEN) type 1 in 15%
- DOTATE PET can be very useful



References

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