Thymic carcinoid

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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
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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

