Cardiac MRI
Case presentation

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• 30 year-old
• Female
• S/P Rhabdomyoa attached to the inferior vena cava—>resection
• Post operative echocardiography revealed a mass again at the same location extending to the right atrium.

• The patient was referred for cardiac MRI for tissue characterisation.
Some studies have investigated perfusion imaging MRI in patients with pulmonary embolism.

Still not in clinical practice.
MRI pulmonary angiography:

- In a meta analysis of studies that comparing MR vs. conventional pulmonary imaging for acute pulmonary embolism showed the following:
  - sensitivity of 100% for PE in central and lobar arteries.
  - 84% in the segmental arteries.
  - 40% in subsegmental branches.

- The patient underwent surgery for mass resection.
  - The mass proved to be a thrombus on pathology.
  - The patient suffered from delayed recovery of the right lung during the early post operative period that gradually improved.
Thank You!