

Cardiac MRI

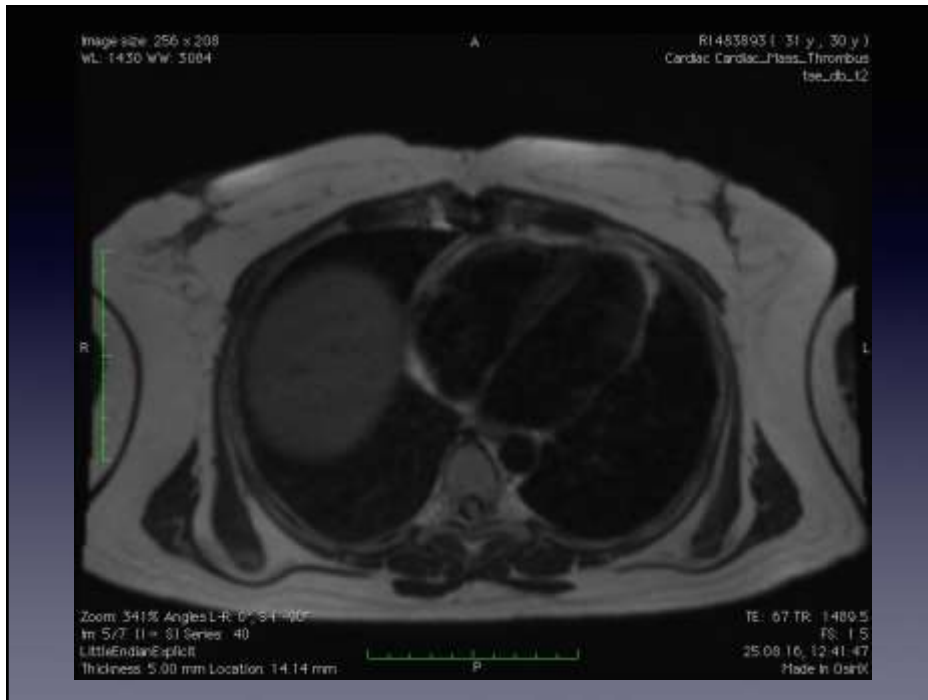
Case presentation

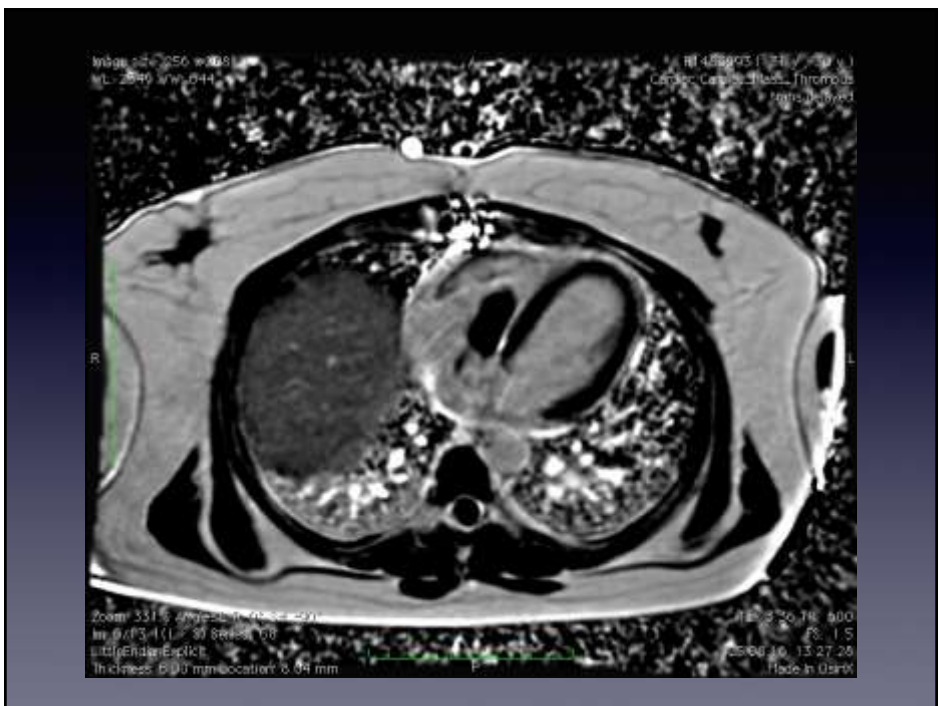
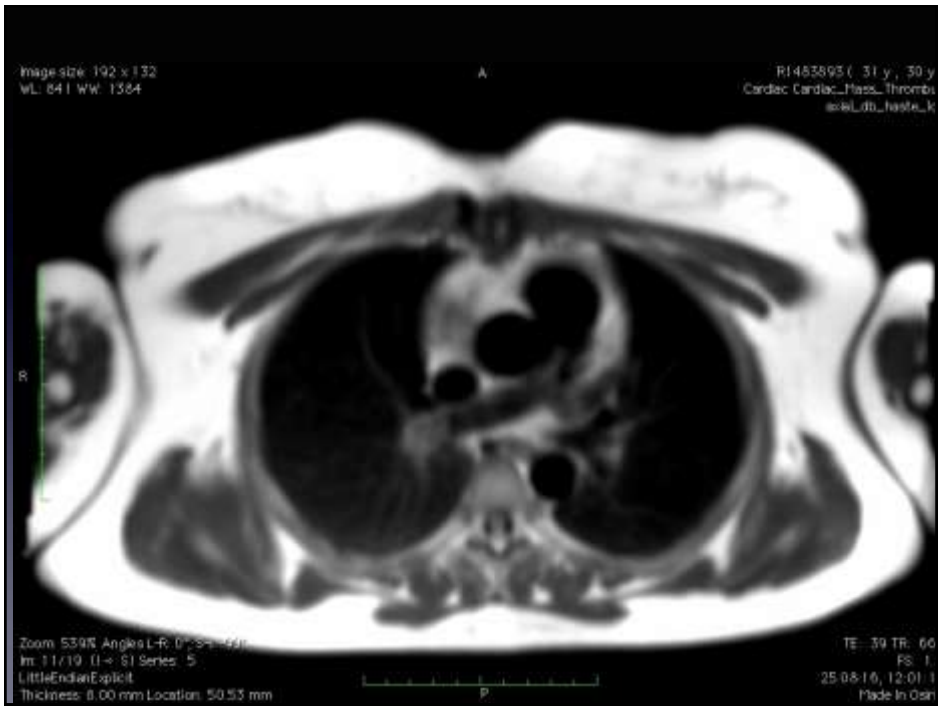
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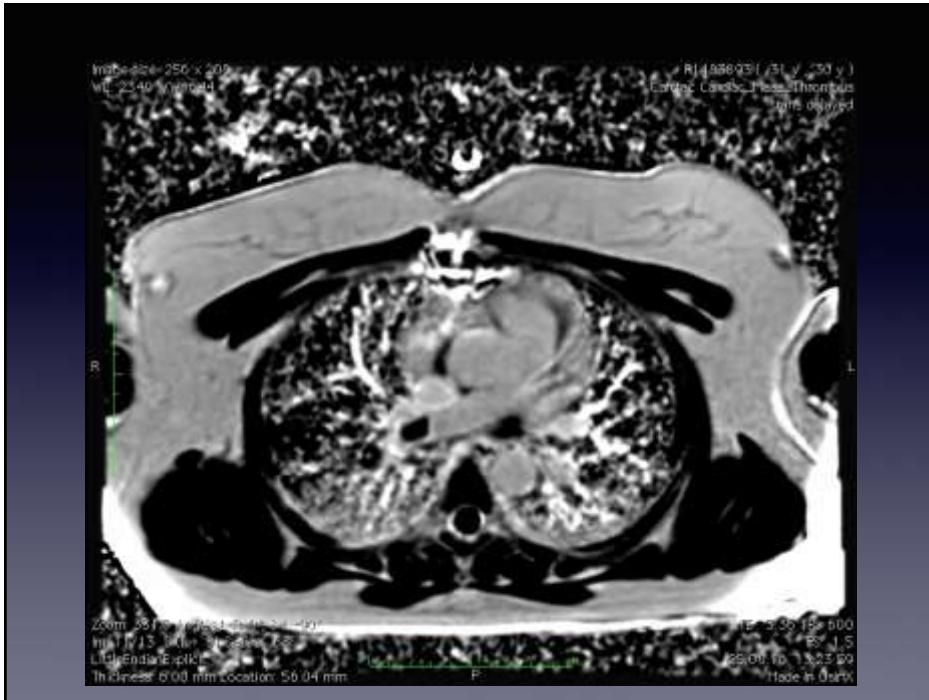
- 30 year-old
- Female
- S/P Rhabdomyoa attached to the inferior vena cava—>resection

- Post operative echocardiography revealed a mass again a mass 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!