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Interesting Cases - Friday

Neil J Weissman, MD

Presenter: 1

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Thanks to Melissa Wasserman Children's Hospital of Philadelphia



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Patient History

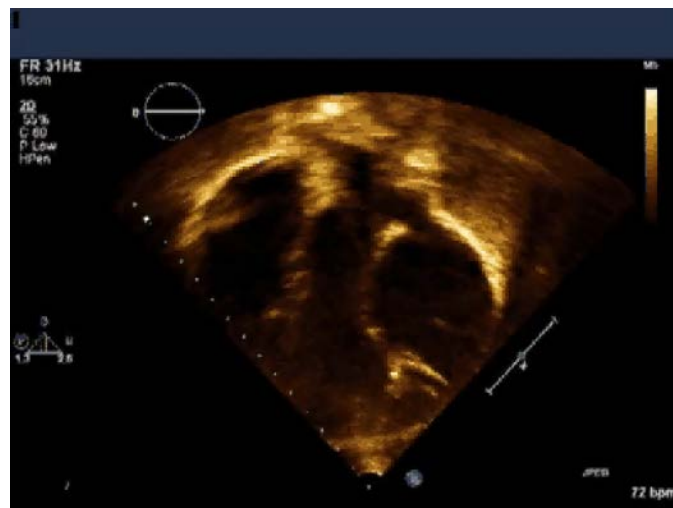
- 14 yr old female with palpitations
- Presented to local ER with palpitations
 - HR 170 (rhythm unknown) – rx'd with metoprolol 12.5 mg daily
- No chest pain, shortness of breath or dizziness in gym
- No syncope
- Normal growth and developmental milestones
- No family hx cardiac dz
- Physical exam ---well developed, no acute distress, well appearing
- Cardiac exam – normal
- ECG normal

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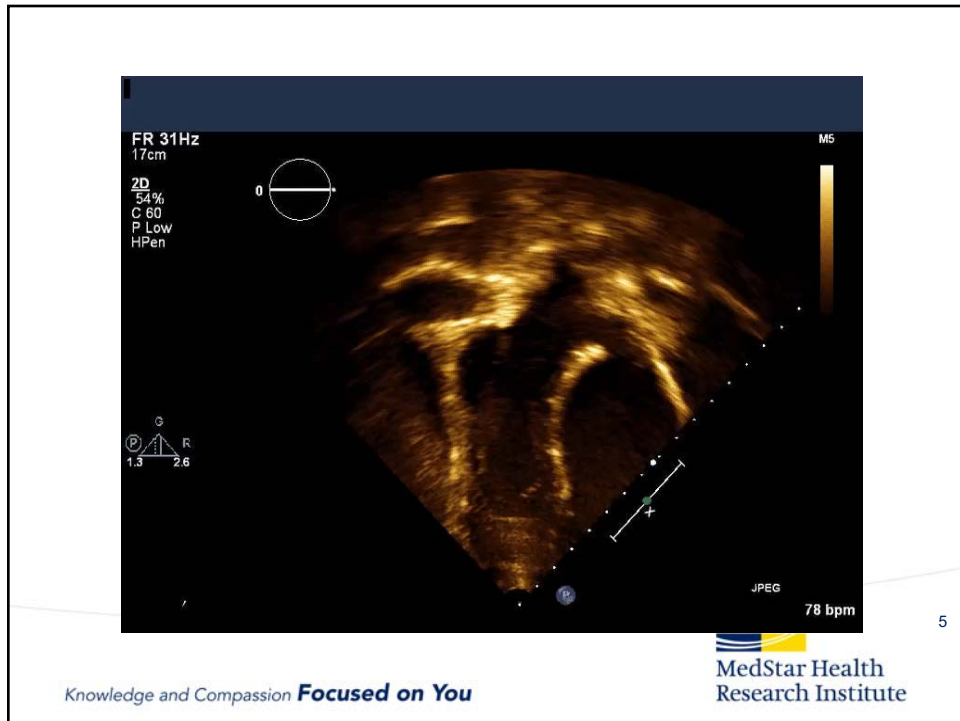


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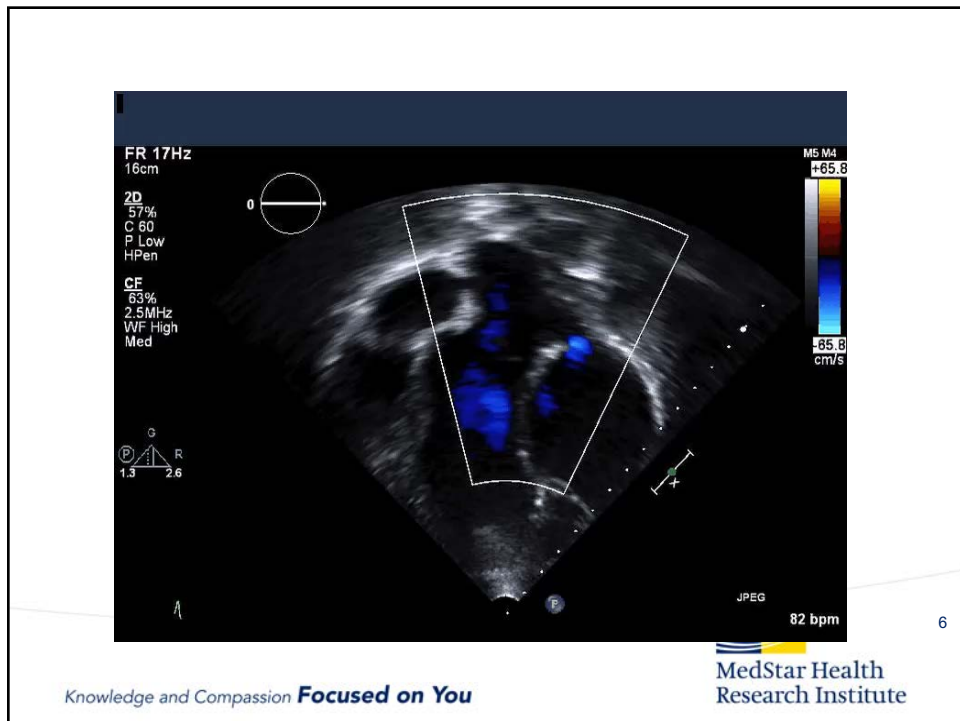

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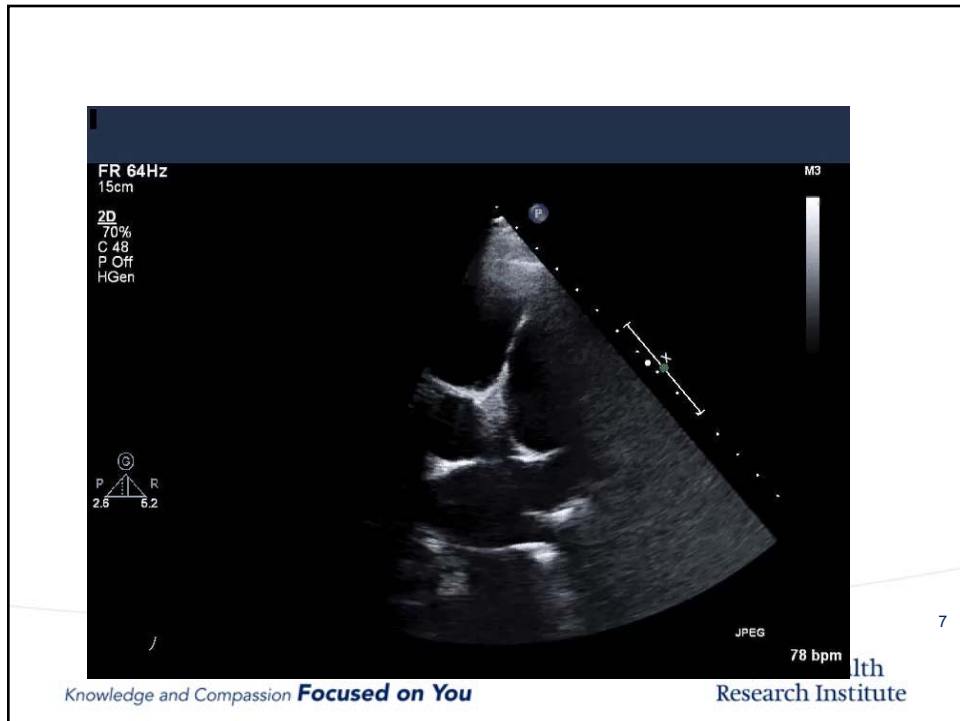
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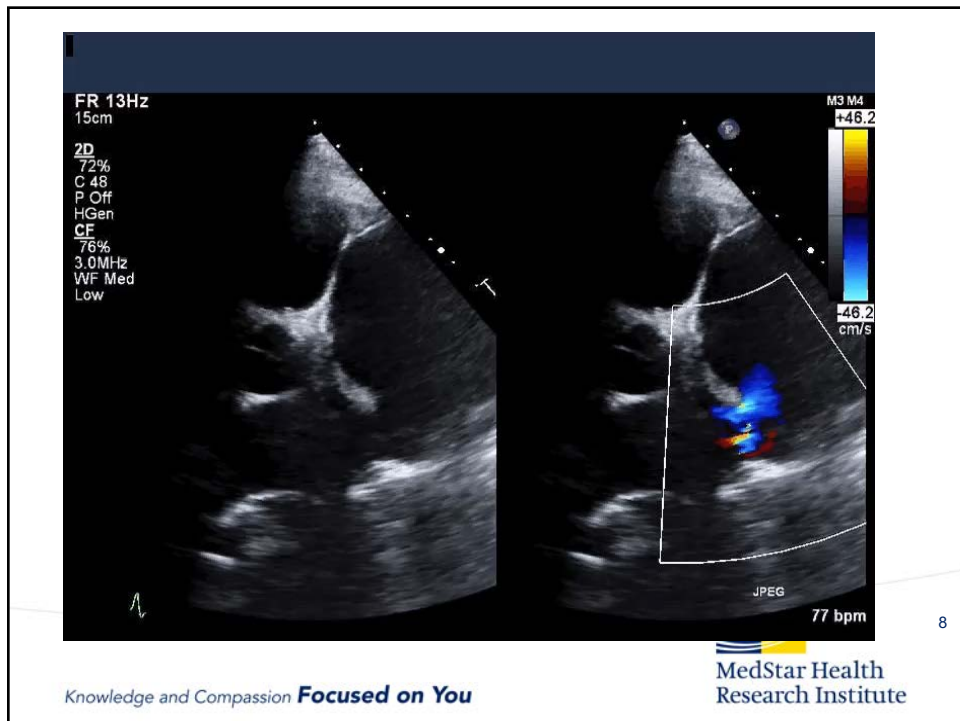
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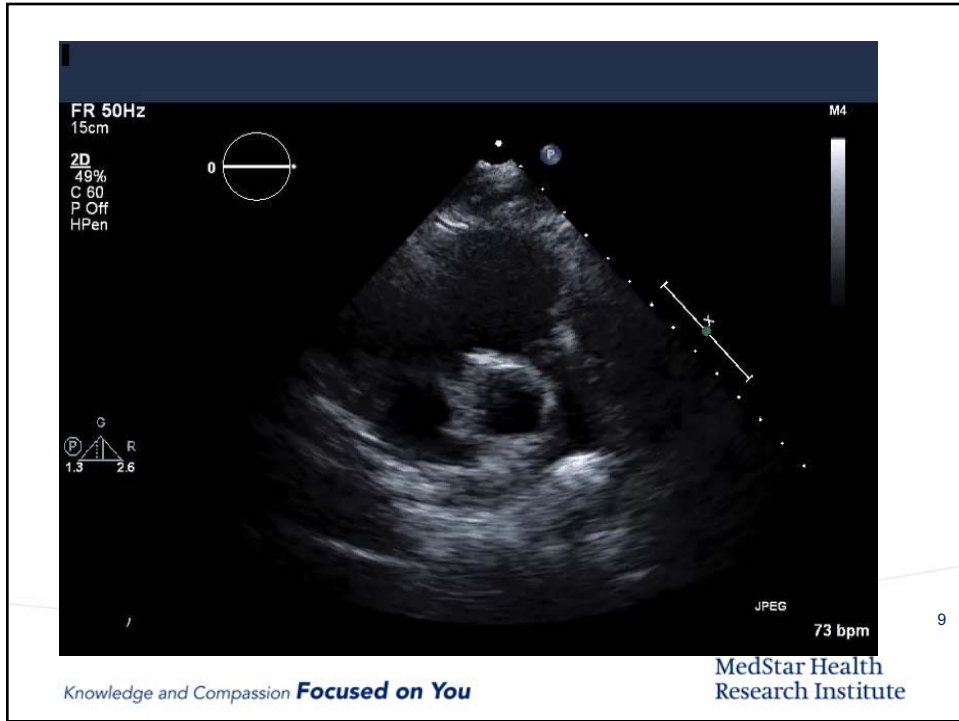
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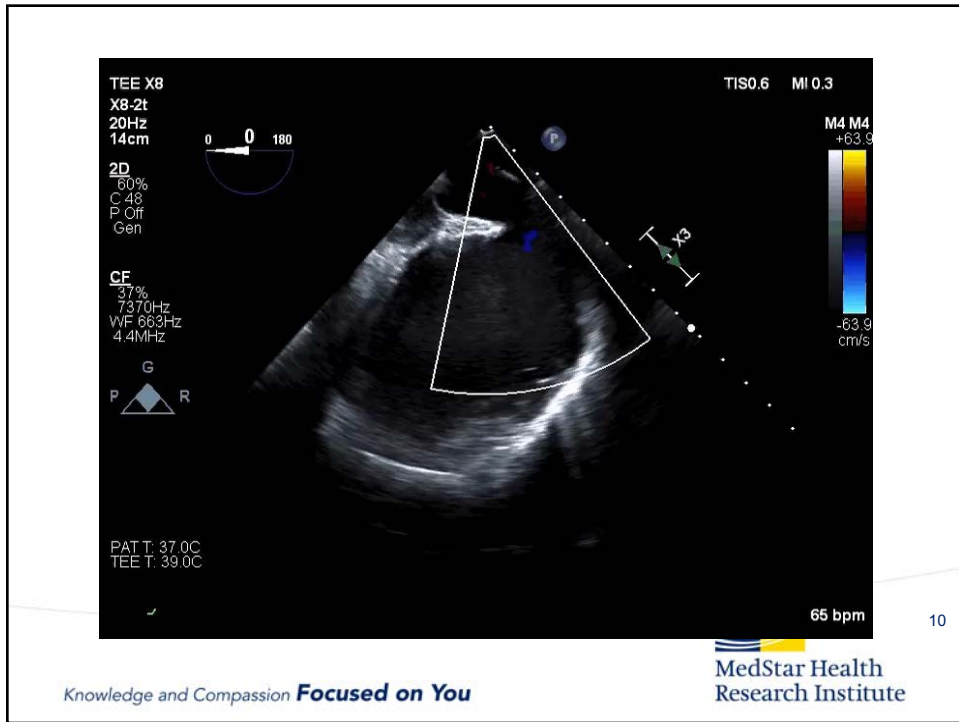
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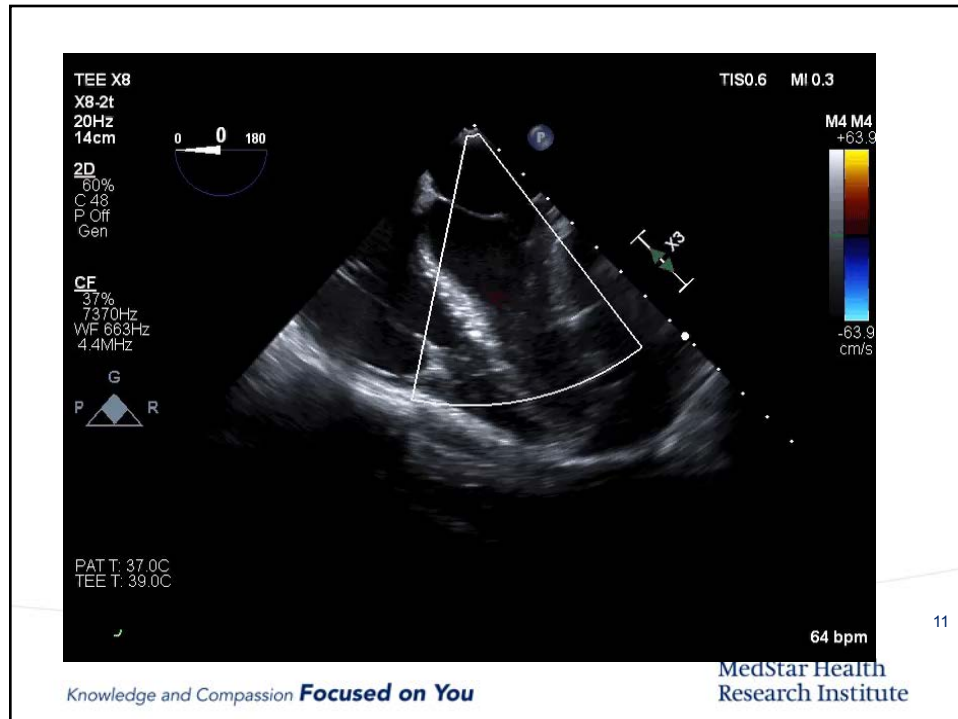
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Summary

- Large left atrial appendage aneurysm with no significant hemodynamic derangement
- Felt to be the source of the palpitations with documented episodes of SVT.
- Confirmed with a cardiac MRI
- Successful cardiac surgical resection

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Medicine

Articles & Issues Subject Areas Collections Blogs For Authors For Reviewers

RESEARCH ARTICLE: CLINICAL CASE REPORT

Congenital left atrial appendage aneurysm
A rare case report and literature review

Wang, Bin MD^{1,2}; Li, He MD, PhD^{1,2}; Zhang, Li MD, PhD^{1,2}; He, Lin MD, PhD^{1,2}; Zhang, Jing MD, PhD^{1,2}; Liu, Cong MD^{1,2}; Wang, Jing MD, PhD^{1,2}; Lv, Qing MD, PhD^{1,2}; Shang, Xiaoke MD¹; Liu, Jinping MD, PhD¹; Xie, Mingxing MD, PhD^{1,2}; Section Editor(s): NA. [Author Information](#)

Medicine January 2018 - Volume 97 - Issue 2 - p e9344
doi: 10.1097/MD.00000000000009344

- Left atrial appendage aneurysms (LAAA) are rare
- Caused by congenital dysplasia of the atrial muscles (90%) or secondary to mitral valve disease
- All ages (fetus to 80 yrs old with mean of 33 yrs old); 52% female
- Most patients are asymptomatic; if sx's: palpitations, dyspnea, or chest pain c
- Associated with cardiac tachyarrhythmia or embolism
- Early diagnosis and surgical

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TTE

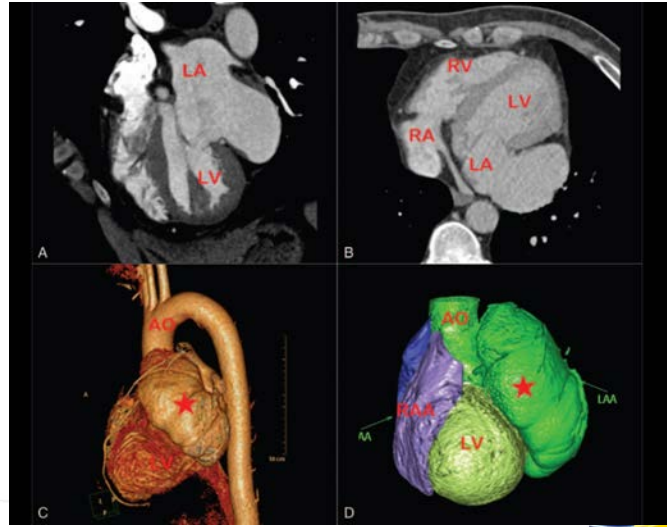
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Cardiac CT



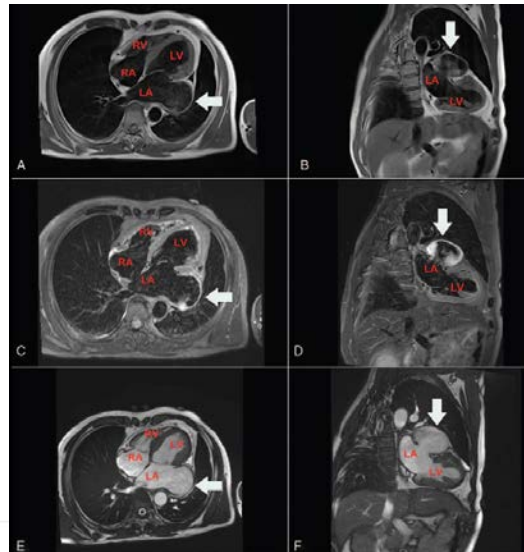
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Cardiac MRI



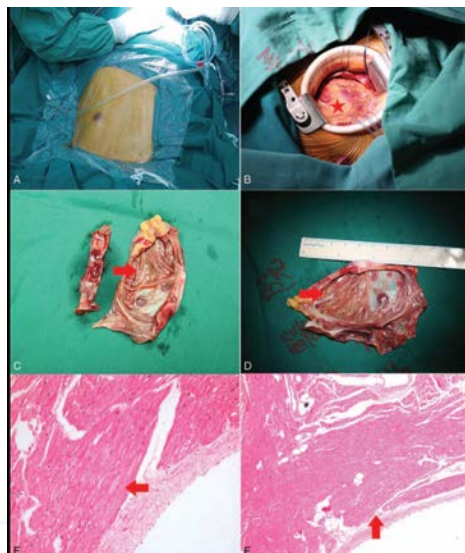
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Surgery and Pathology



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Thank You!



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