LAA Closure

Tips and Lessons from Nightmare Cases

Complicated Pericardiocentesis

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Disclosure Information

The following relationships exist:

Grant support: Abbott, BSC, Edwards, WL Gore
Consultant: Abbott, BSC, Coherex, Edwards, JenaValve,
Diiachi Sankyo-Lilly, WL Gore

Off label use of products and investigational devices
will be discussed in this presentation

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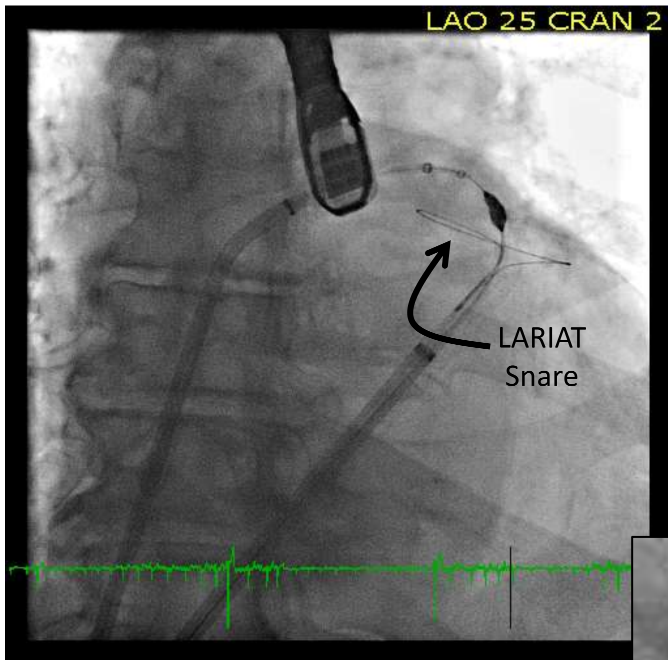
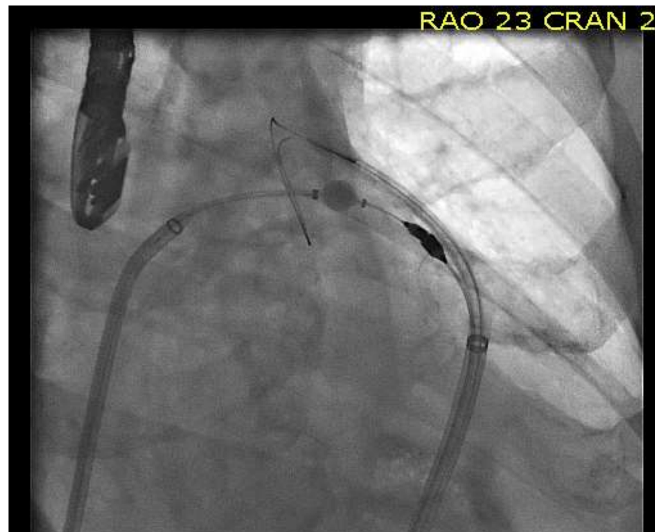
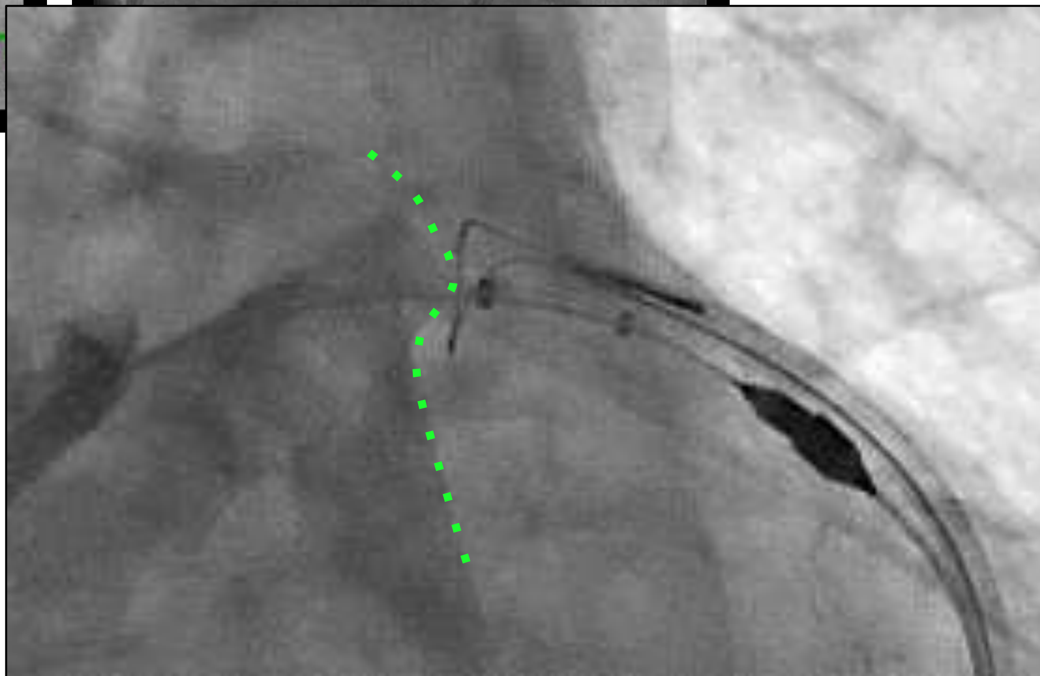
Trans-Pericardial LAA Ligation Procedure Background







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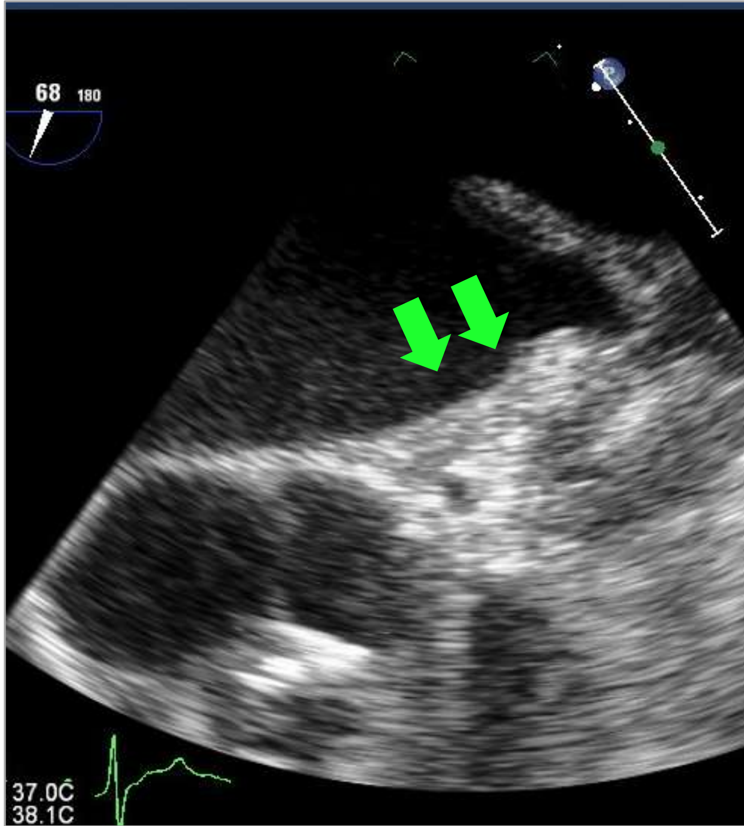
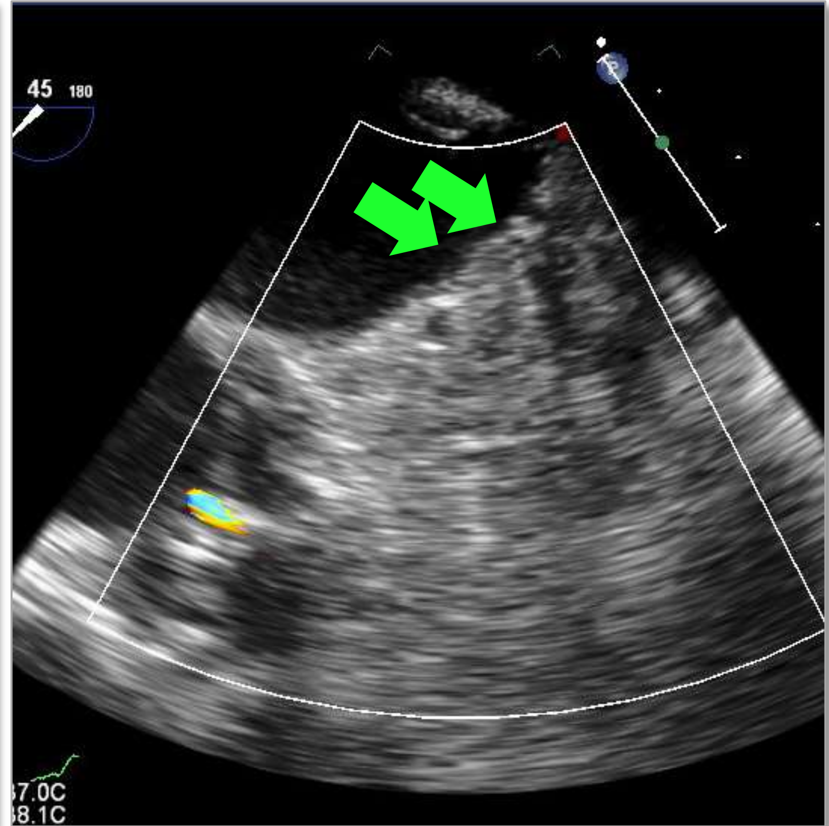
Post Ligation





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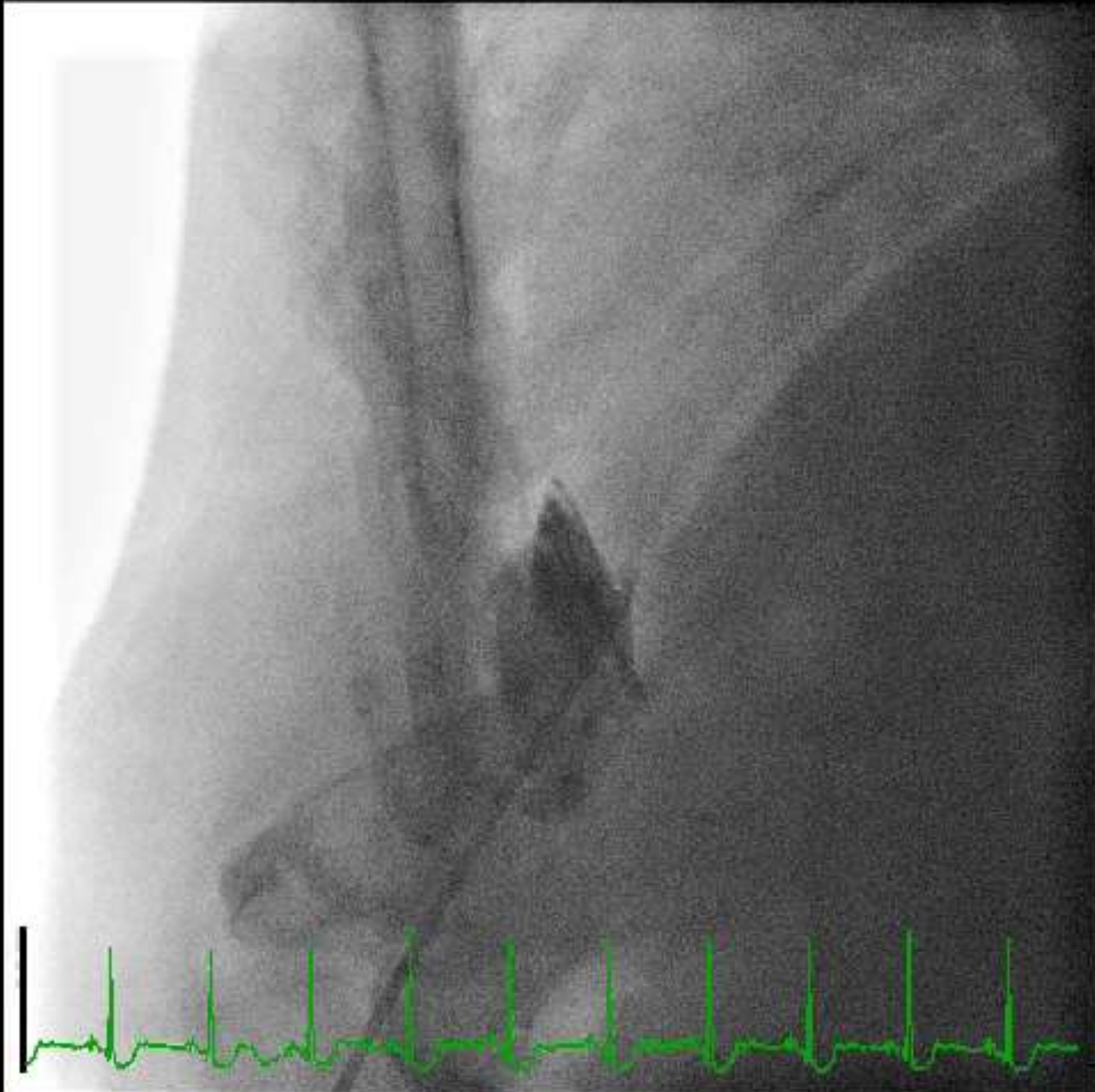
Cardiac Perforation

Prior Pericarditis? Or Cardiac Surgery

- Risks lower
- Presentation atypical
- Fluid localized
  - May need TEE for diagnosis
- Drainage complicated
  - CPS may be necessary



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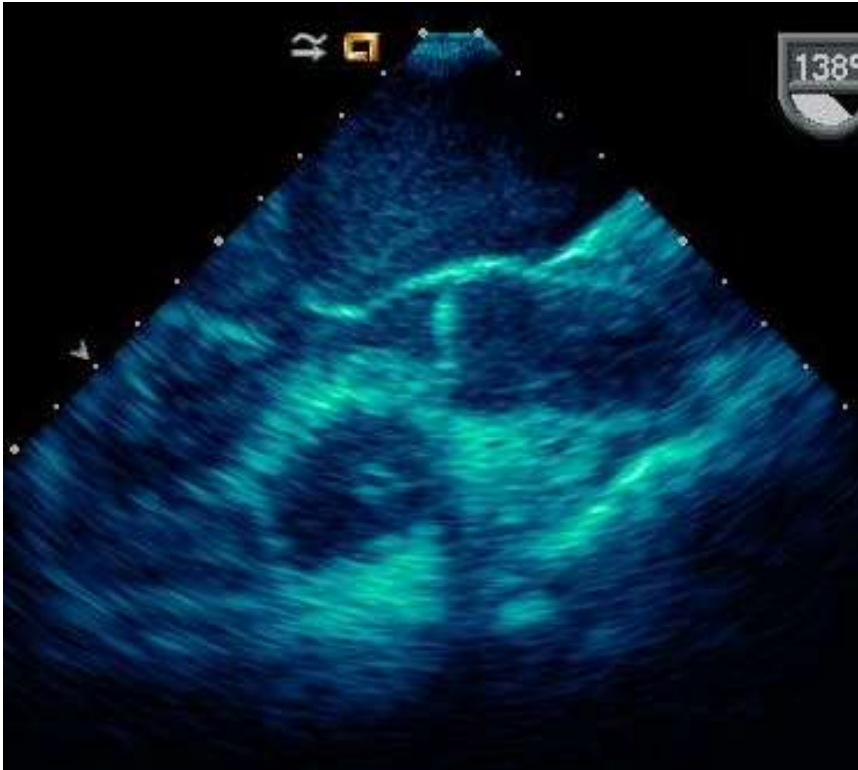
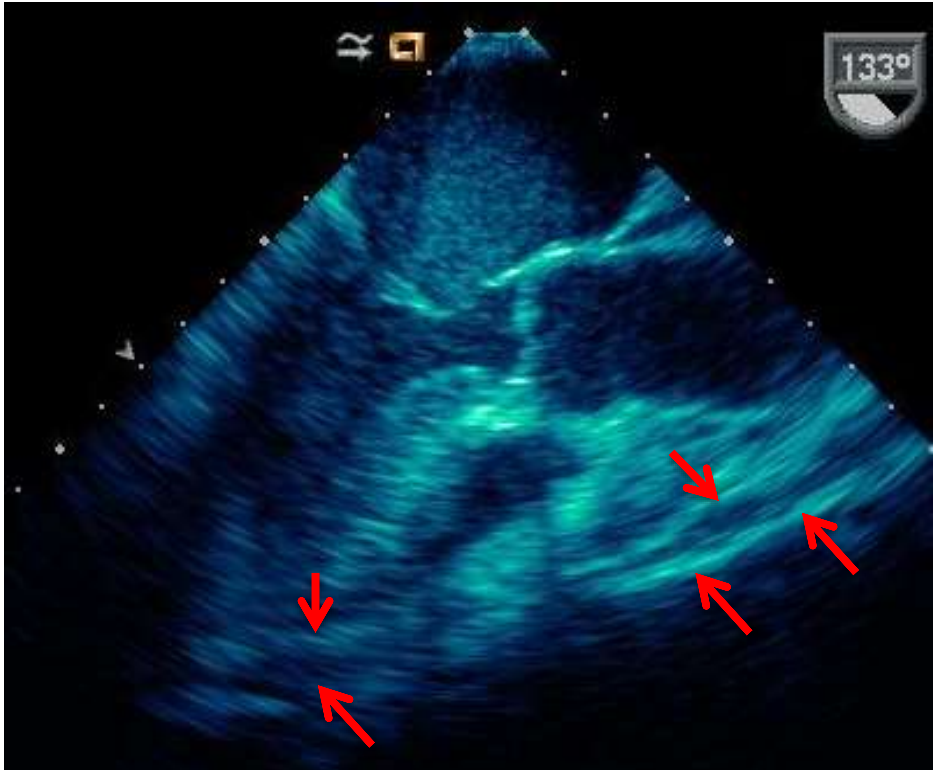
LARIAT Procedure

Sudden hypotension after pericardial access





Baseline

Hypotension

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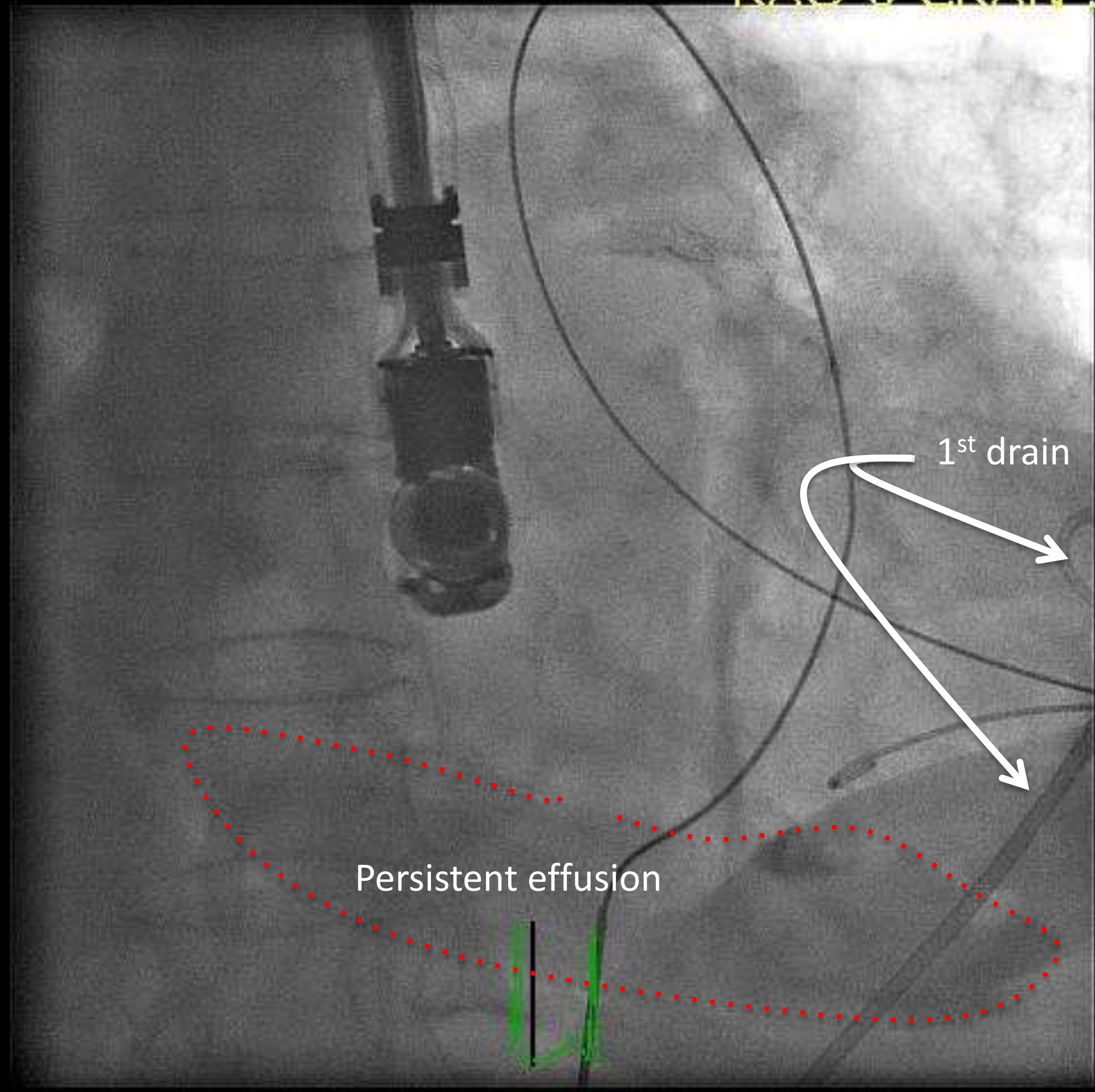

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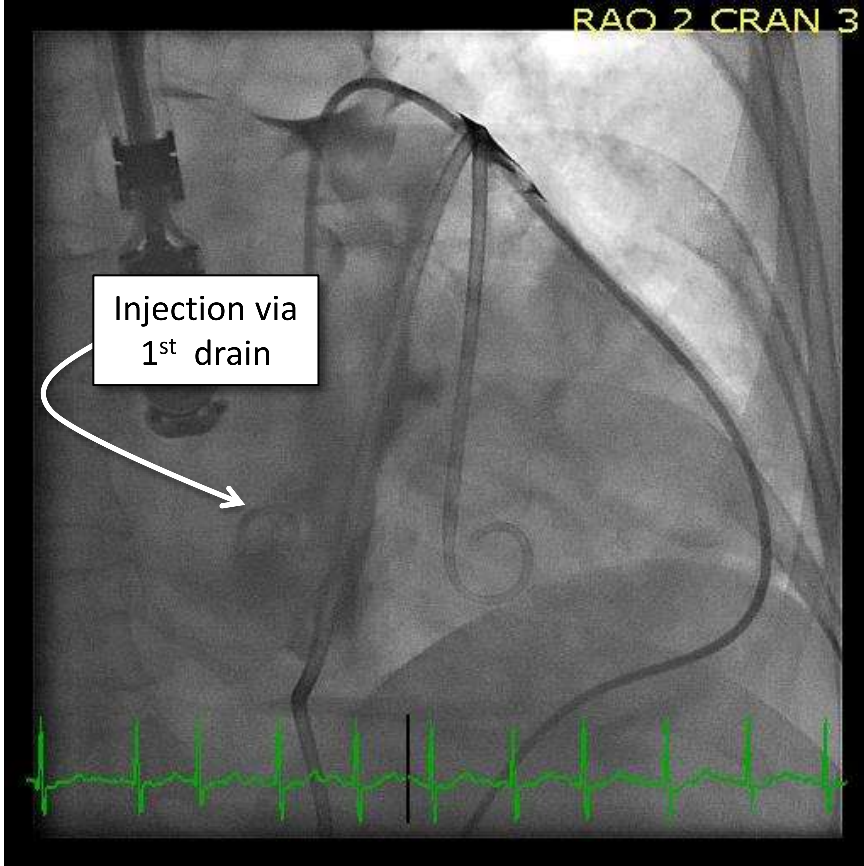

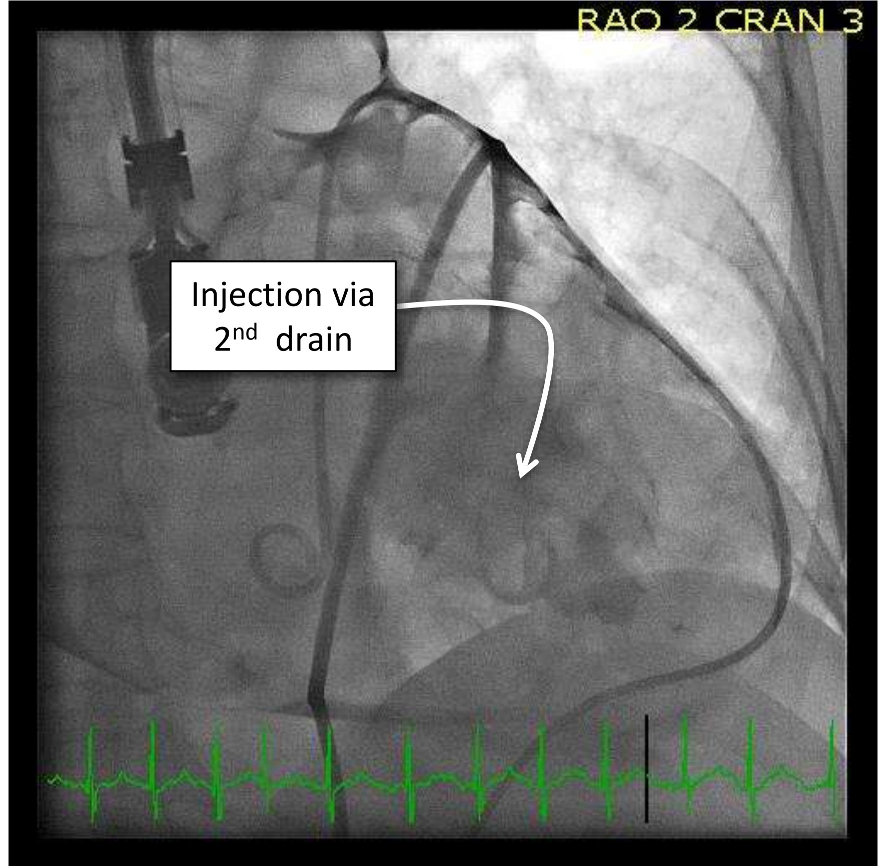

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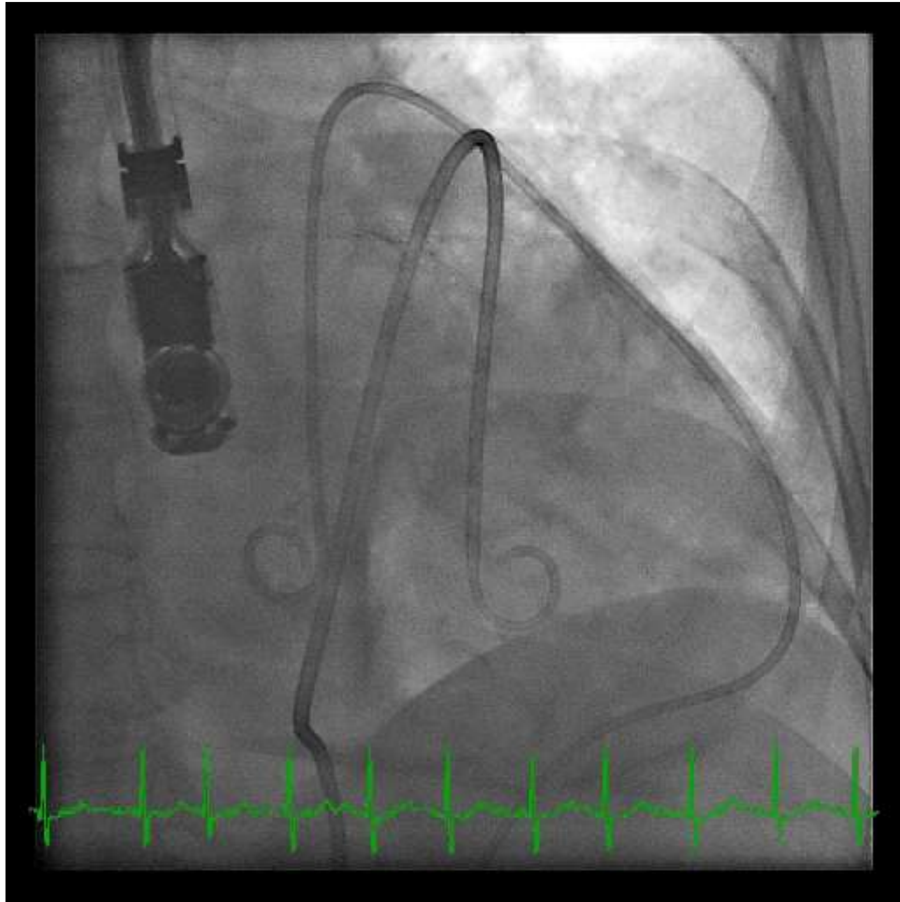

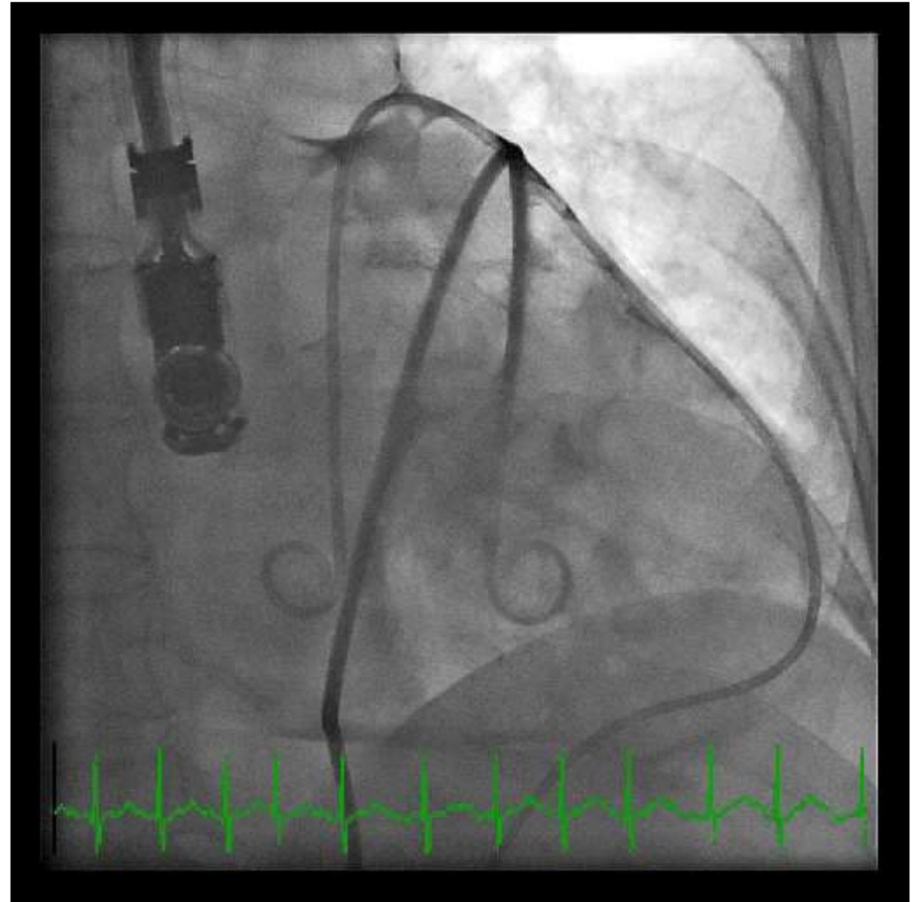

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Pericardiocentesis Post-Procedure Management

- Leave drain until <100cc/24 hours
- Irrigate
  - 5-10cc heparinized saline Q 4-8 hours
- Antibiotics?
  - Fever common
- Analgesia
  - Pain increases as effusion decreases
  - Colchicine 0.5 to 1.0 mg daily for 3 months
    - N Engl J Med. 2014 Feb 20;370(8):781