Worst Aortic Case of 2017

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62 year old man
ER with chest pain

• Awakened 5am
• 10/10 central chest pain
• No other symptoms
• EKG not suspicious
• 173/101
Chest pain resolved with BP control

- Arch diameter 4.3cm
- Quit smoking 5 years ago
- GFR 50 (CKD 3)
- CHF
- CAD
- COPD
Decision point

- Repair vs Medical management
  - Indication for repair?
  - Risk of repair?
  - How to repair?
2 months later

- Chest pain 6/10
- BP 150/70-easily and quickly controlled
- Low grade chest pain continued
Arch diameter increased from 43mm to 54mm
Decision point

- Repair vs Medical management
  - Indication for repair?
  - Risk of repair?
  - How to repair?
Plan

- Carotid-carotid-left subclavian bypass
- Ligate proximal left carotid
- Plug proximal left subclavian
- Spinal cord protection
- Percutaneous approach
- Cover from distal to innominate to PAU in distal thoracic
Plan

• Carotid-carotid-left subclavian bypass
• Cover from distal to innominate to PAU in distal thoracic
  • Gore 31x15, 37x15, 45x20
Discharged home after 2 days
17 days later

- Left arm weakness
- MRI brain and spine negative
  - spinal stenosis at C6
- Left leg and right arm weakness
- MRI: Infarct at C5, T1, T2
- Management?
November 5-8, 2018
at Wynn Las Vegas, Nevada, USA

Attend the conference live from your computer!
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