Hybrid Intercostal Artery Bypass for TAAA Repair

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Acute Aortic Arch Dissection

- (53-yo) presented with acute dissection of aortic arch and multiple visceral malperfusion
- Underwent endo-fenestration (didn't work)
 Retrograde Iliac-SMA bypass and left nephrectomy for wire injury and hemorrhage
- Open abdomen and resection of 170 cm small bowel + gallbladder

Acute Aortic Arch Dissection (2012)

Hybrid aortic arch repair (2015)

• Debranching with bilateral CCA-SCA bypasses followed with ascending aorta to bilateral CCAs bypass and TEVAR

EVAR for infra renal aneurysm (20

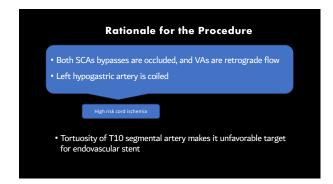
• Endologix and CTAG

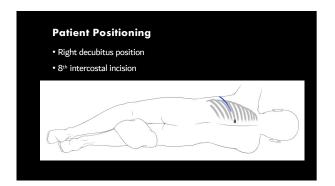


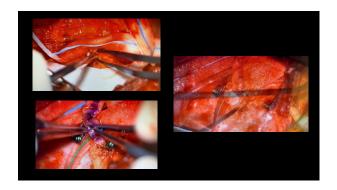


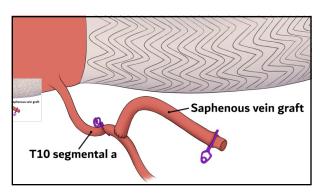


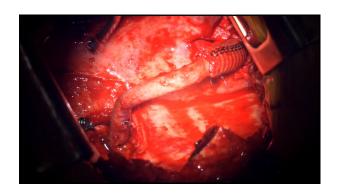


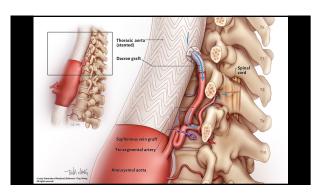






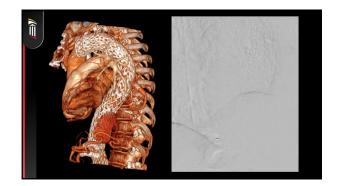




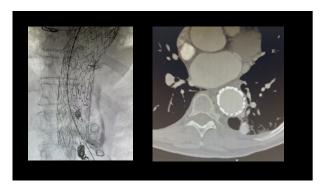


Immediate Clinical Outcome

- \bullet 2 days post surgery, patient underwent 3 vessels BEVAR treatment of remaining untreated aortic segment
- No spinal cord ischemia
- Neurologically intact







Clinical Outcome

- No objective or subjective signs of weakness in lower extremities
- Complete remodeling of TAA