Mycotic Pseudoaneurysm Complicating Coarctation Of The Aorta In An adult patient, A Case Report
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History

- 40 years old Hispanic male
- Smoker and hypertensive
- Presented with 3 days history of chest pain, fevers and pallor
- Root canal 1 month prior
Physical Examination

- Murmur

- pressure difference, arms about 60mmHg higher than his leg pressures
Labs and images

- Blood culture positive for enterococci
- Anemia
- CTA chest and TEE: mycotic pseudoaneurysm with large vegetation post stenotic coarctation
Operative notes

- Posterolateral thoracotomy
- Division of collaterals and adhesions
- Dissection up to above the subclavian artery proximally and the inferior pulmonary ligament distally
- Commencement of left heart Cardiopulmonary bypass
- Proximal and distal control of aorta
- Replacement of the aorta with a rifampin-soaked gelatin sealed, woven polyester graft
Psudoaneurysm containing vegetations
Post operative

- Post operative course uncomplicated
- Patient is discharged on Postop day nine with intact motor and sensory function.
Conclusion

- Mycotic pseudoaneurysms could complicate coarctation of the aorta and open replacement is a viable option
Questions??