Anesthesia for the Surgery of Intracranial Aneurysms
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RESULTS - RADIOLOGY FINDINGS

Figure 1
Chest X-ray: Cardiomegaly.

Figure 2
CT scan chest ap: Aneurysm of the ascending and transverse aorta. Wide aortic valve area.

Figure 3
CT scan chest lateral: Aneurysm of the ascending, transverse and thoracoabdominal aorta. Wide aortic valve area.

Figure 4
CT scan abdomen: Abdominal aortic aneurysm with actual perfused area (white) and clots or false lumen (gray).

TRANSESOPHAGEAL ECHOGRAPHY FINDINGS
Figure 5
TEE 5 chamber view: Chamber sizes appear normal. Tricuspid leaflets appear normal. Anterior mitral leaflet is being pulled anteriorly and septaly. There is a pseudoaneurysm present at the sinus of valsalva level surrounding a prosthetic aortic valve.

Figure 6
TEE 5 chamber view: Demonstrating the separation between the prosthetic aortic valve and the aortic annulus/sinus valsalva.

TEE 4 chamber view: Color doppler flow demonstrates severe eccentric mitral regurgitation secondary to changes in anterior mitral leaflet geometry.

DIAGNOSIS
Ascending aortic aneurysm with mitral insufficiency. Aneurysm of the transverse arch and thoracoabdominal aorta.

What would be your treatment? Click here for an answer.

References
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