

TAVIX (17 AUG 1937)

Report date 23 Sep 2015
Accession Number A10089564322
Patient ID 170586
Referring Physician Joris Heuberger

Observations

Aortic Root Dimension

- 1. Ascending Aorta \varnothing 3.950 cm
- 2. Sino-tubular junction \varnothing 2.695 cm
- 3. Sinus of Valsalva \varnothing 3.080 cm
 \varnothing 2.794 cm
 \varnothing 3.285 cm
- 4. Aortic valve annulus Width: 2.464 cm
Height: 2.024 cm
Area: 4.084 cm²
- 5. Aortic valve Calcification Score: > 3000
Number of Cusps: Tricuspid

Relative distance of the coronary ostia to the aortic valve annular plane

- 6. Left main ostium Distance: 1.601 cm
- 7. Right coronary ostium Distance: 1.897 cm

Peripheral arteries and thoracic aorta

- 8. Thoracic aorta Min. \varnothing 2.610 cm
Regular diameter, without significant atheromatosis.
- 9. Abdominal aorta Min. \varnothing 1.611 cm
Discreet atheromatosis. No aneurysm.
- 10. Left iliac artery Min. \varnothing 0.919 cm
Tortuosity Score: Severe
- 11. Right iliac artery Min. \varnothing 0.791 cm
Tortuosity Score: Moderate

Optimal Projection Angle

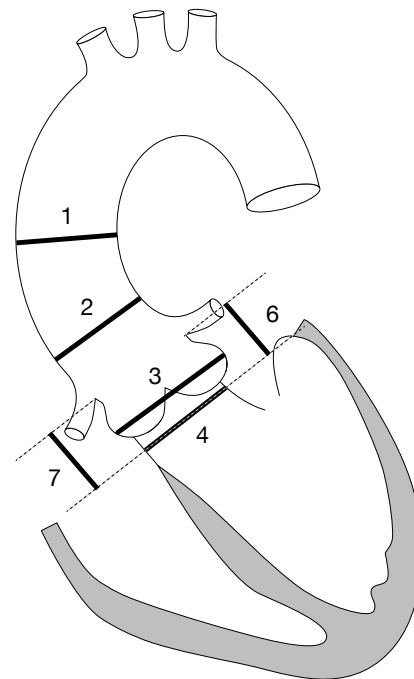
S-I: -1.0°
L-R: -1.8°
Roll: 0.3°

Conclusion

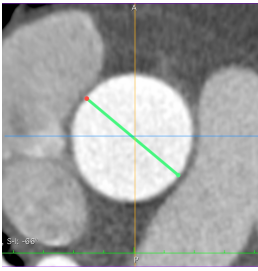
This CTA study shows no contraindication for the TAVI procedure.

The right iliac artery access is easier.

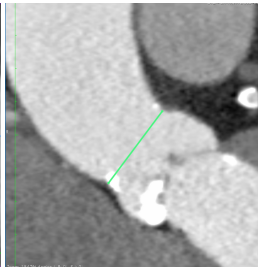
The recommended size for the prothetic valve is 4A.



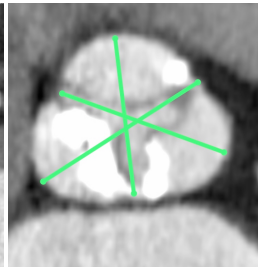
1. Ascending Aorta
ø 3.950 cm



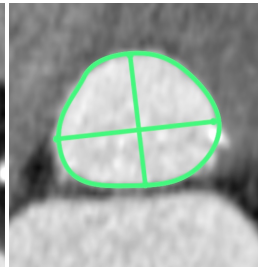
2. Sino-tubular junction
ø 2.695 cm



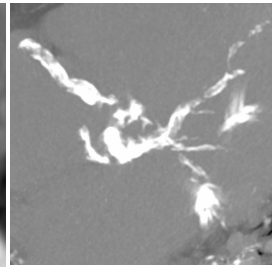
3. Sinus of Valsalva



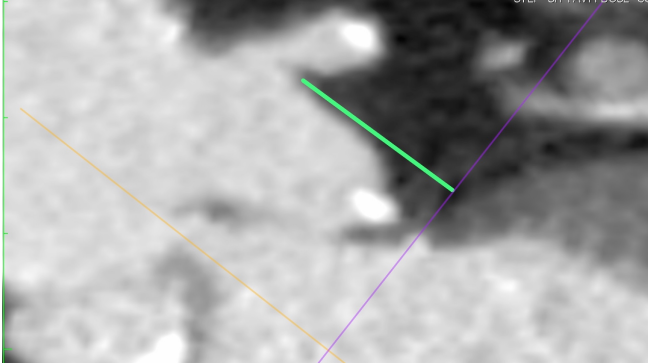
4. Aortic valve annulus



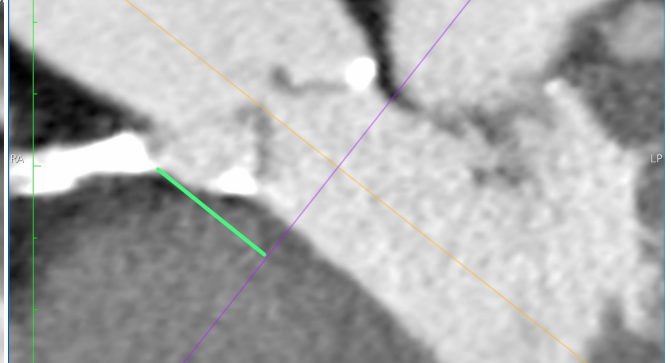
5. Aortic valve



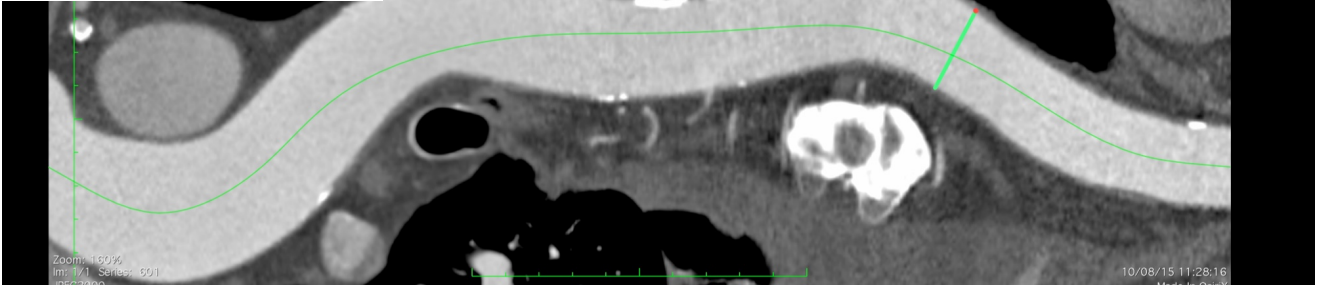
6. Left main ostium (1.601 cm)



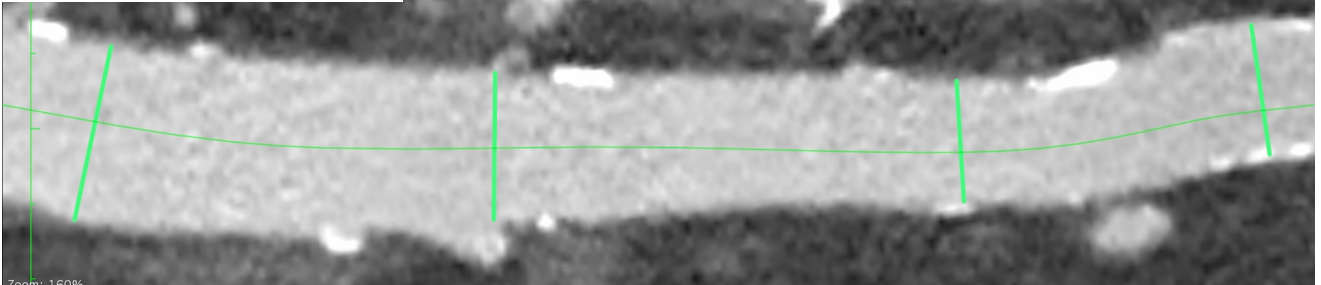
7. Right coronary ostium (1.897 cm)



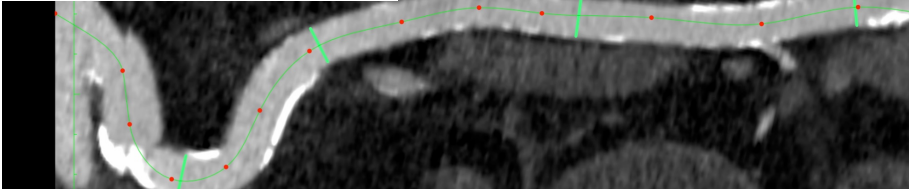
8. Thoracic aorta (min. ø 2.610 cm)



9. Abdominal aorta (min. ø 1.611 cm)



10. Left iliac artery (min. ø 0.919 cm)



11. Right iliac artery (min. ø 0.791 cm)

