

# AortaExplorer tortuosity cases

<https://github.com/RasmusRPaulsen/AortaExplorer>

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# Case 1

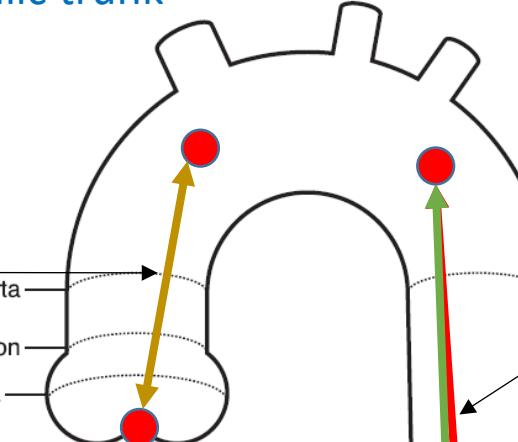
Brachiocephalic trunk

Subclavian artery

Ascending ATI:

Annulus to  
brachiocephalic trunk

Ascending aorta  
Sinotubular junction  
Sinus of valsalva



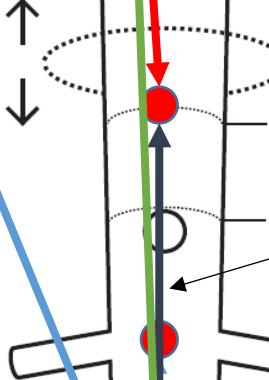
Descending ATI:

From diaphragm to subclavian  
artery

Annulus ATI:

from annulus to  
iliac bifurcation

Thoracic aorta  
Abdominal aorta



IB-Arch ATI:

From iliac arteries (IB) to  
subclavian artery

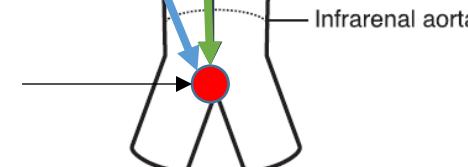
Abdominal ATI

From IB to diaphragm

Infrarenal ATI:

From IB to renal point

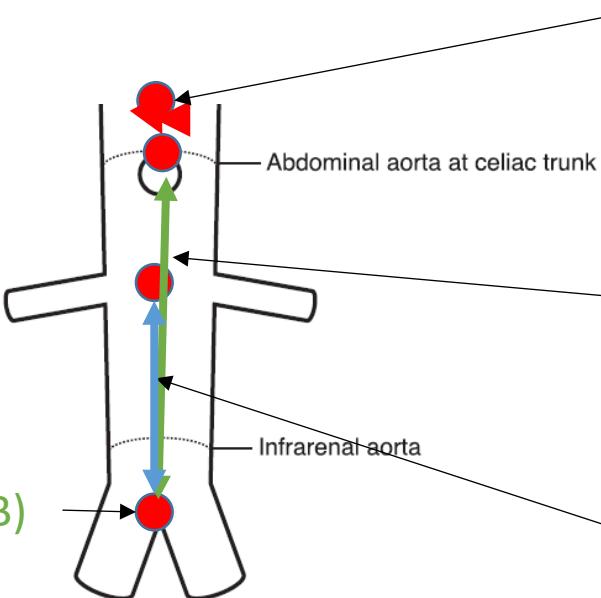
Iliac arteries branch point (IB)



# Case 2

## Case 2

Iliac arteries branch point (IB)

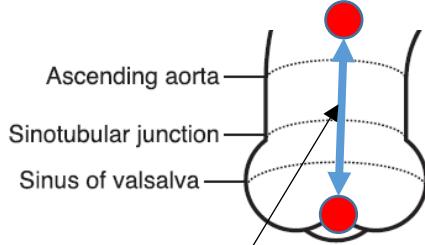


**Descending ATI:**  
From top of scan to diaphragm  
if present. NOT USED SINCE IT  
IS TOO SHORT.  
(No value if no diaphragm)

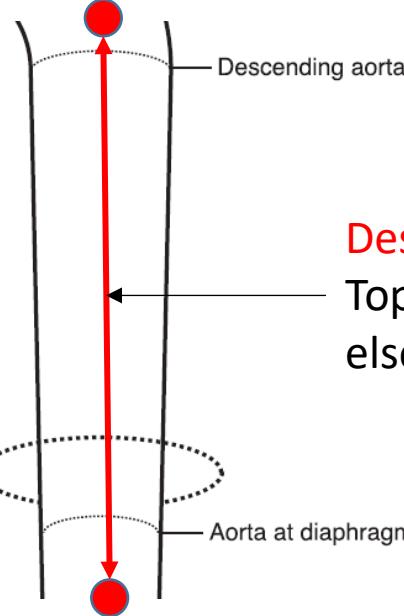
**Abdominal ATI:**  
From IB to diaphragm if  
present else to top of scan

**Infrarenal ATI:**  
From IB to renal if present (No  
value if no renal point)

# Case 5



**Ascending ATI:**  
Annulus to top of scan



**Descending ATI:**  
Top of scan to diaphragm if present  
else to bottom of scan

Case 5