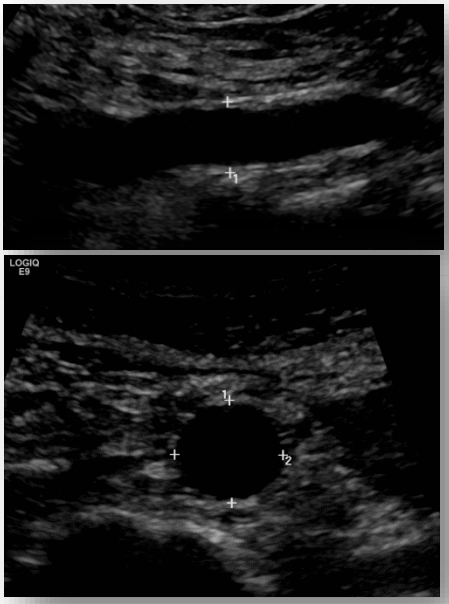
Abdominal Aorta

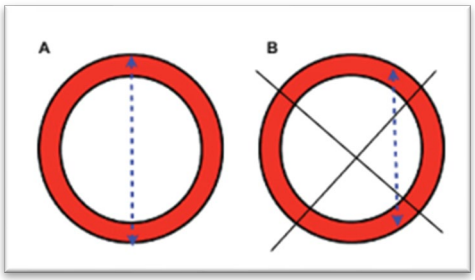
Imaging Protocol: Although only specific images are documented, the aorta and iliac arteries are to be scanned in detail. The following images will represent the normal aorta exam, but additional images may be necessary for appropriate documentation.

- **Proximal Aorta**
  - Long with measurement (AP)
  - Trans with measurement (Trans & AP)
- **Mid Aorta**
  - Long with measurement (AP)
  - Trans with measurement (Trans & AP)
- **Distal Aorta**
  - Long with measurement (AP)
  - Trans with measurement (Trans & AP)
  - Long with color and spectral
- **Trans Bifurcation**
- **Right Common Iliac Artery**
  - Long with measurement (AP)
  - Trans with measurement (Trans & AP)
- **Left Common Iliac Artery**
  - Long with measurement (AP)
  - Trans with measurement (Trans & AP)



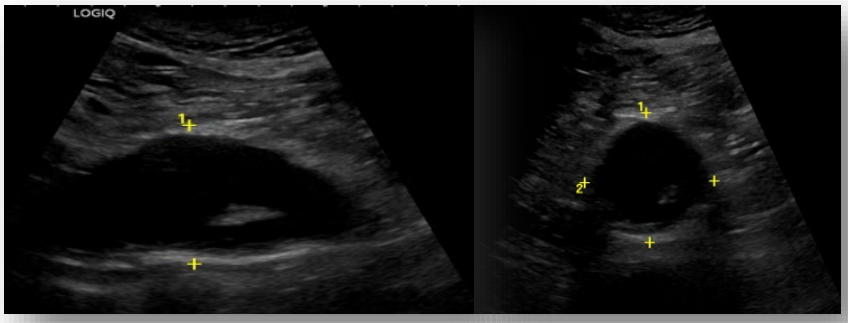
Additional Information:

- AP and trans measurement should be within 1-2mm of each other on each image
- Aorta should be measured **outer-to-outer wall**
- CIAs should be evaluated in entirety to ensure there is no pathology.

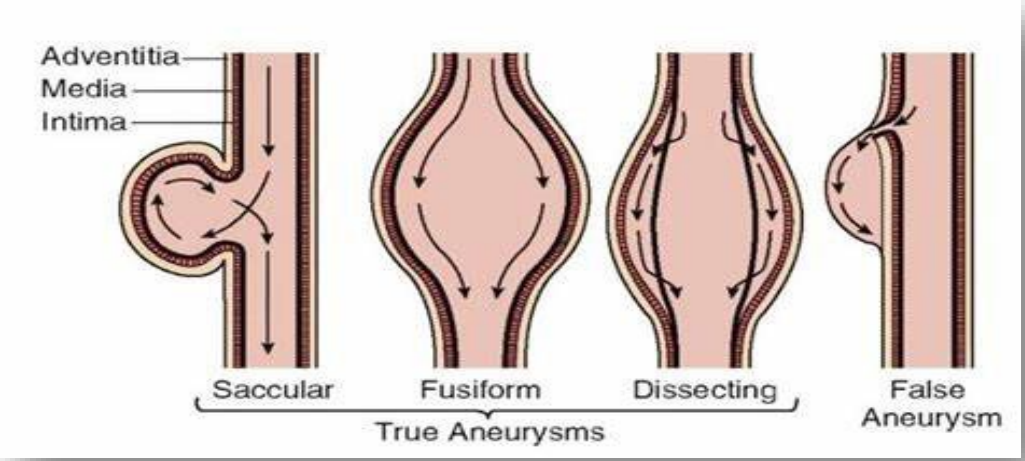


Aneurysm Criteria

- **AAA: ≥ 3cm diameter**
- **Iliac artery aneurysm: ≥ 2.0cm diameter**
  - If aneurysm is detected – measure at widest portion. AP should be in longitudinal.
  - Determine if proximal end of AAA is above or below the level of the renal arteries



- Types of Aortic Aneurysms:



Scheduling & Prep:

30-minute time slot.
NPO ≥ 8 hours. Morning exam times preferable due to NPO status.

Equipment:

Ultrasound unit with a 3.5 MHz transducer.
It may be necessary to have a unit with 2.5 or 5.0 MHz transducers.

Order & Procedure Code:

US ABDOMEN AORTA *IMG11523*
US ABDOMEN AORTA SCREENING *IMG11660*

- US Abdomen Aorta Screening order can only be used ***once*** for medicare patients who have a family history of AAA and/or is a Male 65-75 who has smoked at least 100 cigarettes in his lifetime.

Images:
Aorta Ultrasound Made Easy: Step-By-Step Guide - POCUS 101
types of aortic aneurysm - Bing images

Approved by: _____
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