

MARY WASHINGTON HEALTHCARE IMAGING SERVICES

ABDOMINAL AORTA IMAGING CRITERIA

Aorta

Normal aorta - 2.4 cm or less with no evidence of atherosclerotic disease or thrombus

Ectasia - aorta of 2.5-2.9 cm

Aortic Aneurysm - >3.0cm or greater

Note location – suprarenal, juxtarenal, or infrarenal, presence & degree of thrombus or atherosclerotic disease (mild, moderate or severe). Note if aneurysm is fusiform or saccular

Common Iliac artery

Normal common iliac artery diameter_ - ≤ 1.4 cm or less

Ectasia- common iliac artery measuring 1.5 cm

Iliac aneurysm - >2.0 cm or greater

Note location, presence of thrombus or atherosclerotic disease and flow reversal

Reference:

1. Color flow Duplex Examination of the Abdominal Aorta: Atherosclerosis, Aneurysm, and Dissection. The Journal of Vascular Surgery, Miles M. Cramer, BS,RVT
2. Aorto-iliac duplex examination. Presented at SVT-Janette A. Isaacson, RVT,RCVT
3. Computer Tomography & Ultrasound in Evaluation of Aortic Aneurysms. Bruce D. Doust, MD

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