MARY WASHINGTON HEALTHCARE IMAGING SERVICES

PRE-OP RENAL TRANSPLANT CRITERIA

Standard measurement criteria:

- 1. Aorta diameter <3.0cm with no evidence of atherosclerotic disease
- 2. <u>Common iliac artery -</u> diameter < 2.0cm with no evidence of atherosclerotic disease and normal Doppler waveform and velocity.
- 3. <u>Internal iliac artery</u> No evidence of atherosclerotic disease and normal Doppler waveform and velocity.
- 4. <u>External iliac artery</u> No evidence of atherosclerotic disease and normal Doppler waveform and velocity.
- 5. <u>Common femoral artery</u> diameter <1.3cm with no evidence of atherosclerotic disease and normal Doppler waveform and velocity.
- 6. <u>Veins</u> Patent common, external & internal iliac and common femoral veins with no evidence of thickening or thrombus.

Reference:

- 1) What is the relevance of systematic aorto-femoral Doppler ultrasound in the preoperative assessment of patients awaiting first kidney transplantation: a monocentric prospective study. <u>Nephrol Dial Transplant.</u> 2010 Jan;25(1):270-4. doi: 10.1093/ndt/gfp459. Epub 2009 Sep 11
- 2) Vascular assessment of the receptor before kidney transplantation. <u>Arch Esp Urol.</u> 1996 Dec;49(10):1043-52.

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