

Procedure Name: Retroperitoneal Doppler Complete

Updated: 12/10/05

Indications:

May include but not limited to abdomen pain, nausea and/or vomiting, palpable or suspected masses, follow up to prior exam, renal disease or any other valid medical reason. There are no absolute contraindications.

General Description:

This is a survey of the retroperitoneal region. Obtain one waveform (3 cardiac cycles) for each vessel evaluated. Direction of flow should be determined as normal or reversed. Evaluate for pulsus parvus et tardus +/- Ra or Ao ratios. Presence of varices should be noted.

Patient Preparation:

NPO after midnight for morning exam. For afternoon exam, the patient may have a low fat breakfast with no dairy products, prior to 7:30a.m.

Imaging Sequence:

The following imaging sequence is for a normal exam. Include additional images of pathology to demonstrate dimensions in three planes, texture, size, shape, and relationship to adjacent anatomy (this exam may be scheduled in conjunction with an abdominal complete exam).

RETROPERITONEAL DOPPLER COMPLETE

1. Aorta
2. IVC
3. Rt. renal artery (main)
4. Rt. renal vein (main)
5. Lt. renal artery (main)
6. Lt. renal vein (main)
7. Arcuate arteries (bilateral)