

RENAL SCAN

PATIENT PREPARATION:

The patient must be well-hydrated prior to the test.

PROCEDURE

The patient will have an intravenous line inserted into a vein in their arm. A radioactive tracer will be injected through the I.V. and images of the kidneys will be taken during the injection and will continue for 30 minutes. A blood sample may be drawn 45 minutes to 4 hours after the initial injection. The patient may eat and drink in between the blood sample times. Renal imaging may also include pharmacologic intervention with Lasix (Furosemide) administration and additional imaging for up to 30 minutes.

CAPTOPRIL RENAL SCAN

PATIENT PREPARATION:

The patient must be off ALL ACE-inhibitor drugs for at least 5 days prior to the test. The patient must also be well hydrated prior to the test.

PROCEDURE

This is a two-day procedure.

Day 1 (Baseline): The patient will have an intravenous line inserted into a vein in their arm. A radioactive tracer will be injected through the I.V. and images of the kidneys will be taken during the injection and will continue for 30 minutes. A blood sample will be drawn 45 minutes after the initial injection.

Day 2 (Captopril): The patient is administered 25mg of Captopril one hour prior to imaging. The same protocol is then followed as for the baseline study.