



Renal Lasix MAG3 **(Tubular Secretion)**

Please contact one of the technologists if you have any questions concerning the information seen on this page.

Contraindications

- Pregnancy
- Breastfeeding
- Hypersensitivity to any material used
- Patient still on ACE inhibitors

Billing/Coding

Nuclear Sonics Billing #: 54

CPT Code: 78708

CPT Name: Kidney imaging morphology with vascular flow and function, single study, with pharmacological intervention

Radiopharmaceutical Used: Tc-99m mertiatide MAG3

HCPCS Code: A9562

NDC #: if needed, please contact NSA technologist

Billing for Rp: per study dose, up to 15 millicuries

Interventional Drug: Furosemide

HCPCS Code: J1940

Billing for furosemide: up to 20 milligrams

The furosemide is provided by the hospitals

Study Overview

Prep:

- ACE inhibitors and diuretics should be discontinued for 2 days
- Patient should be well hydrated

Exam Time:

- 1 hour

Overview:

- Patient is injected with a small amount of radioactive material and images are taken over a one hour period. During that time, furosemide is given to help flush out the kidneys. The images are acquired over that entire time period so the patient must remain on the table the entire time.

Indications

- Evaluation of renal tubular function
- Evaluation of renal vascular flow
- Detection of acute tubular necrosis
- Evaluation for renal tubular obstruction and/or trauma
- Evaluation of renal transplant

Pregnancy/Breastfeeding Concerns

It is at the discretion of the ordering physician, the radiologist and the patient, whether or not a pregnant patient should have any nuclear medicine procedures performed until after the pregnancy has ended. It is the recommendation of Nuclear Sonics that patients who are breastfeeding should discontinue for 10 half-lives of the radiopharmaceutical. This is typically a Technetium product, which has a radioactive half-life of 6 hours, so the typical discontinuation should occur for 60 hours.

Disclaimer: These are the recommendations of Nuclear Sonics. At times, the ordering provider may choose a different prep, use the study for something other than what is indicated or order the study even if the study is contraindicated. The prospective Radiology Department and/or Nuclear Sonics will ascertain whether or not the ordering provider wishes to go against the recommendations.