



## ***Renal DTPA*** ***(Glomerular Filtration)*** ***(no interventionals)***

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

### **Billing/Coding**

#### **Function Study**

Nuclear Sonics Billing #: 52

CPT Code: 78707

CPT Name: Kidney imaging morphology with vascular flow and function, single study without pharmacological intervention

Radiopharmaceutical Used: Tc-99m pentetate (DTPA)

HCPCS Code: A9539

NDC #: if needed, please contact NSA technologist

Billing for Rp: per study dose, up to 25 millicuries

Interventional Drug: None

#### **Flow Study**

Nuclear Sonics Billing #: 51

CPT Code: 78701

CPT Name: Kidney imaging morphology with vascular flow

Radiopharmaceutical Used: Tc-99m pentetate (DTPA)

HCPCS Code: A9539

NDC #: if needed, please contact NSA technologist

Billing for Rp: per study dose, up to 25 millicuries

Interventional Drug: None

#### **Static Study**

Nuclear Sonics Billing #: 50

CPT Code: 78700

CPT Name: Kidney imaging morphology

Radiopharmaceutical Used: Tc-99m pentetate (DTPA)

HCPCS Code: A9539

NDC #: if needed, please contact NSA technologist

Billing for Rp: per study dose, up to 25 millicuries

Interventional Drug: None

### **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. The images are acquired over that entire time period so the patient must remain on the table the entire time.

### **Contraindications**

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

### **Indications**

- Evaluation of renal tubular function and perfusion (glomerular filtration)
- 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.