



Parathyroid Imaging

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

Study Overview

Prep:

- None

Exam Time:

- Visit #1 - 45 minutes
- Visit #2 (3 hours later) - 30 minutes

Overview:

- On Visit #1, the patient will receive an injection of a small amount of radioactive material and will be imaged
- On Visit #2, patient will return for another 30 minutes of imaging

Contraindications

- Pregnancy
- Breastfeeding
- Hypersensitivity to any material used

Indications

- Detection and localization of primary and secondary parathyroid cancer
- Identification of adenomas or glandular hyperplasia in patients with newly diagnosed hypercalcemia and elevated parathyroid hormone
- Localization of cancer for surgery candidates. Some, using probe, localize and bring straight to surgery
- Localization of parathyroid tissue after surgery for persistent or recurrent hyperparathyroidism

Billing/Coding

Nuclear Sonics Billing #: 31

CPT Code: 78071

CPT Name:

Parathyroid Imaging

Radiopharmaceutical Used: Tc-99m Sestamibi

HCPCS Code: A9500

NDC #: if needed, please contact NSA technologist

Billing for Rp: per study dose, up to 40 millicuries

Interventional Drug: None

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.