

Nuclear Medicine Preparation

Contact Us: Phone: 705-728-9090 ext. 43431

Please contact the department prior to your appointment if you require special accommodations, or if you are pregnant or breast feeding.

Biliary Scan	Nothing by mouth (NPO) for 4hrs prior to scan. Test can take anywhere from 1 hour to 4 hours (initial 1 hr images with possibility for delay needed).
Bone Scan	No preparation needed – two part test: 1. Patient receives injection 2. Patient returns 2-3 hours later for bone scan images. These images last about 1 hour. Patient may leave the department and eat/drink during the waiting period. Patient will be advised if they need to change into gown upon return.
Bone Scan with Gallium Scan (2 appointment dates given) for specific site	As for “Bone Scan” (see above). The patient will find out whether they must return for gallium scan after the bone scan images are completed In the event that patient must return for gallium scan, the gallium injection is given after the completion of bone scan. Patient then returns to department 48 hours later for the imaging. These images last 1 hour.
1 Day Cardiac Perfusion Scan	Myoview Scan: Patient does not eat anything for 4 hours prior to test (water is okay). No caffeine for 12 hours prior to test Discontinue medications as per physician instructions. Patient to bring list of medications with them to appointment Test lasts about 5-6 hours.
Cerebral Brain Perfusion Scan	No caffeine for 12 hours prior to test. Test will last about one hour.
Gallium Scan (Whole Body)	Patient receives injection (15-30 minutes) and returns 72 hours later (3 days later) for imaging. Imaging lasts approximately 1.5 hours.

Gallium Scan (Specific Site)	Done in combination with bone scan (see “Bone Scan” above) Patient receives injection (15-30 minutes) and returns to department 48 hours later for the imaging. These images last 1 hour.
Gastric Emptying	Nothing by mouth after midnight Test takes approximately 1.5 hours (but patient may be required to stay for delayed pictures up to 3 hours) Patient must eat an egg sandwich with some radioactive tracer at beginning of test. Please advise department if any allergy to egg.
Lung Scan (V/Q)	No patient preparation required Test done in two parts – ventilation (inhalation of radioactive gas) and perfusion (injection of small amount of radioactive tracer) Test lasts approximately 0.75 – 1 hour.
Meckel’s Scan	Nothing by mouth after midnight Please notify department if patient on gastric inhibitors Patient may need to arrive early for patient preparation prior to scan. Test takes approximately 1 -2.5 hours (dependant on preparation needed).
MUGA Scan	No preparation, imaging lasts 1-2 hours.
Parathyroid Scan	No preparation required. Study done in two parts: Part 1 lasts about 1 hour, patient then has 2 hour waiting period. Part 2 lasts about 30 minutes. Total time: approximately 3-4 Hours.
Renal Imaging (Kidneys)	Patient to be well hydrated upon arrival (4-5 glasses) and may have empty bladder. Test takes approximately 1-2 hours.
Renal Imaging for Hypertension	Test done over 2 days. Please contact department for instructions and with current list of medications.
Salivary Scan	No preparation required, imaging lasts about 1 hour. Please notify department if patient has citrus allergy.

Sentinel Node	Please contact department for instructions.
Tagged RBC for GI Bleeding	No preparation required. Test lasts about 90 minutes.
Tagged RBC for Liver Hemangioma	Test done in two parts. Part 1 lasts 1 hour followed by 2 hour delay. Part 2 lasts about 20 minutes
Thallium Rest/Redistribution/Viability	NPO for 4 hours prior to appointment. 1 st visit lasts 45 minutes, followed by 2.5 hour wait 2 nd visit lasts 30 minutes 3 rd visit happens 24 hours after injection and lasts 30 minutes
Thyroid Uptake	Preparation: Off thyroid medications and PTU (propylthiouracil) for 1 week, off replacement hormones for 3 weeks. No iodine IV or CT contrast within last 8 weeks. No seaweed or kelp within last month Test done over 2 days: Day 1: Patient to be NPO for 4 hours prior Patient swallows a small radioactive iodine capsule, and then returns to the department 2 hours later for the 1 st thyroid uptake count (lasts 15 minutes). Day 2: Patient has the second thyroid uptake count (lasts 15 minutes) If thyroid scan requested in addition to thyroid uptake, the scan is done on Day 2 (approximately 40 minutes).
Thyroid Scan	Patient prep as for "Thyroid Uptake" (see above) at discretion of physician. Test lasts about 1 hour. Very important to keep neck very still
White Blood Cell Imaging	Radiologist approval required. No preparation necessary. Blood is drawn from patient at the beginning of the test. Patient is then reinjected with the labelled white blood cells approximately 4 hours later. Imaging is done 4-24 hours after reinjection (patient will be informed when to return for imaging).