

Exam	Clinical Indication	Procedure	Patient Prep
Pharmacologic Cardiac Scan (Non-Treadmill Stress) Lexi Scan	Chest Pain; S/P CABG, Stent, Angioplasty, etc; RBBB/LBBB,; CAD; Diabetes; Poor Exercise Tolerance/Ability	IV Insertion, inject immediately; Wait 30-40 minutes then scan Rest Images (about 15 minutes). Pt given Lexiscan injection and put on EKG machine until ready for Stress Images (30 minutes). Stress images take about 12 minutes. Entire exam takes about 3 hours	NPO x 8 hours. <u>NO CAFFEINE X24 HOURS</u> Includes coffee, tea, chocolate etc. Provider should stop beta blockers and/or calcium channel blockers 24 – 48 hours prior to exam. Diabetics my eat light breakfast 3 hours prior to test (NO CAFFEINE)
Treadmill Cardiac MIBI Scan	Chest Pain; S/P CABG, Stent, Angioplasty, etc; CAD; Diabetes	IV Insertion, Inject immediately, Wait 30-40 minutes then scan Rest Images (about 15 minutes). Pt taken to treadmill room and put on Treadmill. EKG monitored until ready. Back to N/M Camera room to scan Stress Images (about 12 minutes) Entire exam takes about 3 hours	NPO x 8 hours. <u>NO CAFFEINE X24 HOURS</u> Includes coffee, tea, chocolate etc. Provider should stop beta blockers and/or calcium channel blockers 24 – 48 hours prior to exam. Diabetics my eat light breakfast 3 hours prior to test (NO CAFFEINE)
Bone Scan Whole body (78306) 3Phase (78315)	CA & R/O Bone Mets; Osteomyelitis; Fx/Trauma/Pain, Pagets, Arthritis	IV Injection; Scan 2-4 hours post injection. Scan takes about 45 minutes	None. Patient will be asked to drink fluids between injection and scan.
HIDA Scan – Hepatobiliary Scan (78227)	RUQ pain; Jaundice; Positive Ultrasound; Cholecystitis; Biliary Calculi; Biliary Obstruction	IV insertion; Inject immediately; Scan immediately; Scan takes about 60 minutes With Ejection fraction-given CCK (weight based) scanned another 60 minutes (if no cck available we have patient drink ensure prior to 2 nd half of imaging)	NPO x 8 hours, but no more than 14 hours. No pain meds (Morphine derivatives) x 4 hours, Serum bilirubin, if done
Thyroid Uptake and Scan (78012)	Abnormal TSH Levels, Thyroid nodules	Day 1: Patient swallows capsules comes back 6 hours later for uptake and images takes about 1 hour Day 2: Patient returns (24 hours later) for uptake.	Off Thyroid meds 30 days prior to test. No Iodine based contrast media within 2 months prior to test. No shellfish 24 hours prior to ingestion of capsules.

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Gastric Emptying (78264)	Pain, nausea, vomiting, diarrhea. Poor digestion, Poor gastric motility/emptying	Patient eats light meal, Scan immediately. Scan takes about 5 minutes. Scan immediately, 30 minutes, 1 hour, 2 hour, 3 hour, and 4 hours.	NPO after midnight
MUGA (Tagged RBC Study)(78473)	Evaluate left ventricle wall motion Pre or post chemotherapy Cardiomyopathy	Start IV, give injection of PYP, wait 20 minutes, inject with Tc99m-Perchnetate. Start scan takes about 60 minutes	No Prep
Renal Scan MAG3 (78709)	Renal Failure, Renal Obstruction, Poor Kidney Function, Hydronephrosis	IV insertion Inject immediately Scan Immediately Inject Lasix Scan takes about 40 minutes	Drink 2-3 cups of water within 1 hour of appointment; Stop diuretics x1 week; Provider may stop other meds; No barium 48 hours prior to exam
Captopril Renal Scan NOTE: If Creatinine is >2.0, pt needs Non-Captopril Scan and Captopril Scan (3-4 hours later) on same day. If Creatinine is <2.0 schedule Captopril Scan only (78709)	Renal Artery Stenosis HTN	Captopril taken orally Vitals monitored for 1 hr IV Injection Scan Immediately Scan takes about 40 minutes	Drink 2-3 cups of water within 1 hour of appointment. No diuretics x1 week. Stop all ACE inhibitors 3-4 days prior to scan. No Barium x48 hours prior to scan. Creatinine Lab results must be within 4 weeks.
Liver/Spleen Scan (78205)	Cirrhosis	IV Injection Wait 10 Minutes Scan takes about 1 hour	No Prep
Parathyroid scan(78070)	Detection and localization Primary and secondary Parathyroid cancer. Adenomas. Localization of parathyroid tissue.	Start IV, inject with Tc99m- Sestamibi wait 20 min, scan 20 min Scan at 2 hours for 20 min	No prep



Nuclear Medicine Procedures & Preps

This is for reference only. Information is subject to change.

Meckels Diverticulum(78290)	Location of Meckels Diverticulum, evaluation of Abdominal pain, GI bleeding, Positive guaiac test	Inject Tc99m- Pertechnetate Scan for 60 Min	NPO 4-12hours Discontinue thyroid meds no recent barium studies
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