

Nuclear Medicine IP/OP Preparation

Diagnostic Radiology

Test Length	Procedures	Instructions
Injection: 15min Scan: 30-90min	Bone Scan	<ol style="list-style-type: none"> 15 mins. for Injection. 3 hr wait between injection and scan. Imaging takes 30-90 min. Patient should have empty bladder when returning for scan.
20 mins.	Bone Density	<ol style="list-style-type: none"> No Calcium morning prior to scan No Nuc Med Procedures within the last 7 days No GI Contrast within the last 2 wks.
Patient return for additional scanning up to 3 days	Cisternogram Radionuclide (CSF)	<ol style="list-style-type: none"> Injection is performed via Lumbar Puncture. Please consult General Radiology Fluoroscopy for preparation. Imaging at 2 hrs, 6 hrs, 24 hrs, 48 hrs
1 hr.	Cystogram	<ol style="list-style-type: none"> Will require catheter insertion for the procedure.
Injection: 15min 48 hrs. (Usually Infection Gallium – 30-60 mins.) 72 hr. Gallium (Oncology) – 2 hrs.	Gallium - Infection - Oncology	<ol style="list-style-type: none"> Should not have had CT Scan with Contrast prior to Oncology Gallium. Images are acquired at 72 hrs post injection If scan is done for bone infection, Bone Scan must be completed first. Images are acquired at 24 or 48 hrs post injection (physician determined)
2 hrs.	Gastric Emptying	<ol style="list-style-type: none"> Patient must be NPO for 4 hrs. Patient will be required to eat a fried egg sandwich If Patient is an Insulin Dependent Diabetic, check with Nuclear Medicine Department.

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Initial –90 mins. 4 hrs. later—1 hr. Day 2—3 hrs.	Gastroesophageal	<ol style="list-style-type: none"> 1. NPO after Midnight 2. Sedation may be required 3. Bring patient’s liquid food to department
2-3 hrs.	HIDA Scan (Hepatobiliary)	<ol style="list-style-type: none"> 1. Patient must be NPO for 6 hrs. 2. Inpatient should have a saline lock 3. Avoid Demerol or Morphine prior to scan. Complete prep sheet available from Department. 4. If being done for Biliary Atresia, consult Nuclear Medicine Physician.
2 hrs.	Hypertensive Renal	<ol style="list-style-type: none"> 1. Patient must be hydrated with a working IV 2. If not ambulatory, must know correct height and weight of patient 3. Patient should be off ACE Inhibitors for at least 72 hrs prior to scan if medically feasible 4. List of current medications should accompany the patient
2 hrs.	Meckels	<ol style="list-style-type: none"> 1. NPO after midnight 2. Patient will be given Rantadine before procedure
Injection: 15 mins. Image at 24hr, 48hr, 72hr for 2 hrs each day	MIBG	<ol style="list-style-type: none"> 1. Drugs to be avoided prior to study: Labetalol, Reserpene, Tricyclic Antidepressants, Calcium Channel Blockers, Sympathomemetics including nasal decongestants
1 hr.	MUGA Scan	<ol style="list-style-type: none"> 1. Inpatient must have saline lock that we can take blood from

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6 hrs.	Myocardial Perfusion (MIBI or Thallium)	1. NPO 4 hrs prior to appointment 2. No Caffeine 24 hrs prior 3. No smoking day of test 4. Must be able to walk on a treadmill if coming for a Stress Test 5. Persantine MIBI contraindications: Asthma, unstable Angina, Migraine headaches 6. Inpatient should have a working saline lock 7. Full prep available from Nuclear Medicine Department
Injection: 15 min Imaging at 4 hrs, 24 hrs and possibly 48 hrs	Octreotide Scan	1. Patient should be well hydrated with at least 4 cups of water prior to the injection and 4 cups after the injection. Patient may void as needed. 2. Discontinue Somato-Statins therapy if medically feasible
30 min. – 1 hr.	Renal Scan Lasix Renal Scan	1. If not ambulatory must know correct height and weight of patient 2. Inpatient should have a saline lock 3. Patients scheduled for Lasix should drink 16 oz. of water 20 min prior to their appointment. The patient may void as needed
1 st Day – 15 min. 2 nd Day – 1 hr.	Thyroid Uptake/Scan	1. Patients should be off all thyroid medication pending physician approval for 6 weeks prior to the appointment 2. The patient should not have had any iodine contrast (eg CT) for 2 months prior to the appointment 3. Complete prep available from the Nuclear Medicine Department
45 min.	VQ Scan	1. Patient must be able to lie flat 2. CXR required within 24hrs prior to study 3. Patient must be cooperative as they will be required to breathe through a closed system following specific instruction