

## NUCLEAR MEDICINE PROCEDURES & PREP INSTRUCTIONS

Exam	Procedure	Patient Prep
<input type="checkbox"/> Pharmacologic Cardiac Scan (Non-Treadmill Stress)	<ul style="list-style-type: none"> <li>» IV injection followed by 30-40 minute wait;</li> <li>» Scan Rest Images are taken (about 15 min).</li> <li>» Pt given Lexiscan injection and put on EKG machine until ready for Stress Images (30 minute wait).</li> <li>» Stress images take about 12 minutes.</li> <li>» Entire exam takes about 3 hours</li> </ul>	<ul style="list-style-type: none"> <li>» NPO x 6 hours.</li> <li>» <b>NO CAFFEINE</b> X 12 HOURS</li> <li>» Includes coffee, tea, chocolate etc.</li> <li>» Provider should stop beta blockers and/or calcium channel blockers 24 – 48 hours prior to exam.</li> <li>» Diabetics may eat light breakfast 4 hours prior to test <b>(NO CAFFEINE)</b></li> </ul>
<input type="checkbox"/> Treadmill Cardiac Scan	<ul style="list-style-type: none"> <li>» IV Insertion, Inject immediately, wait 30-40 minutes</li> <li>» Scan Rest Images (about 15 minutes).</li> <li>» Pt taken to treadmill room and put on Treadmill</li> <li>» Back to N/M Camera room to scan Stress Images (about 12 minutes)</li> <li>» Entire exam takes about 3 hours</li> </ul>	<ul style="list-style-type: none"> <li>» NPO x 6 hours.</li> <li>» <b>NO CAFFEINE</b> X 12 HOURS</li> <li>» Includes coffee, tea, chocolate etc.</li> <li>» Provider should stop beta blockers and/or calcium channel blockers 24 – 48 hours prior to exam.</li> <li>» Diabetics may eat light breakfast 4 hours prior to test <b>(NO CAFFEINE)</b></li> </ul>
<input type="checkbox"/> Bone Scan	<ul style="list-style-type: none"> <li>» IV Injection</li> <li>» Scan 2-4 hours post injection.</li> <li>» Scan takes about 45 minutes</li> </ul>	<ul style="list-style-type: none"> <li>» None.</li> <li>» Patient will be asked to drink fluids between injection and scan.</li> </ul>
<input type="checkbox"/> HIDA Scan – Hepatobiliary Scan	<ul style="list-style-type: none"> <li>» IV insertion;</li> <li>» Inject immediately;</li> <li>» Scan immediately; Scan takes about 60 minutes</li> <li>» With Ejection fraction- given CCK (weight based) scanned another 60 minutes</li> <li>» If no cck available, we have patient drink ensure prior to 2nd half of imaging.</li> </ul>	<ul style="list-style-type: none"> <li>» NPO x 8 hours, but no more than 14 hours.</li> <li>» No pain meds (Morphine derivatives) x 4 hours,</li> <li>» Serum bilirubin, if done</li> </ul>

Exam	Procedure	Patient Prep
<input type="checkbox"/> Thyroid Uptake and Scan	<ul style="list-style-type: none"> <li>» Day 1: Patient swallows capsules comes back 6 hours later for uptake and images takes about 1 hour</li> <li>» Day 2: Patient returns (24 hours later) for uptake. Takes about 10 minutes</li> </ul>	<ul style="list-style-type: none"> <li>» Off Thyroid meds 30 days prior to test.</li> <li>» No Iodine based contrast media within 2 months prior to test.</li> <li>» No shellfish 24 hours prior to ingestion of capsules.</li> <li>» Referring provider must call scheduling for additional prep instructions.</li> </ul>
<input type="checkbox"/> Gastric Emptying	<ul style="list-style-type: none"> <li>» Patient eats light meal</li> <li>» Scan immediately. Scan takes about 5 minutes. Scan immediately, 30 minutes, 1 hour, 2 hour, 3 hour, and 4 hours.</li> </ul>	<ul style="list-style-type: none"> <li>» NPO after midnight</li> </ul>
<input type="checkbox"/> MUGA (Tagged RBC Study)	<ul style="list-style-type: none"> <li>» Start IV, give injection of PYP</li> <li>» Wait 20 minutes, inject with Tc99m-Perchnetate.</li> <li>» Start scan takes about 60 minutes</li> </ul>	<ul style="list-style-type: none"> <li>» No Prep</li> </ul>
<input type="checkbox"/> Renal Scan MAG3	<ul style="list-style-type: none"> <li>» IV insertion</li> <li>» Inject immediately</li> <li>» Scan Immediately</li> <li>» Inject Lasix</li> <li>» Scan takes about 40 minutes</li> </ul>	<ul style="list-style-type: none"> <li>» Drink 2-3 cups of water within 1 hour of appointment;</li> <li>» Stop diuretics x1 week;</li> <li>» Provider may stop other meds;</li> <li>» No barium 48 hours prior to exam</li> </ul>
<input type="checkbox"/> Captopril Renal Scan  <b>NOTE:</b> 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	<ul style="list-style-type: none"> <li>» Captopril taken orally</li> <li>» Vitals monitored for 1 hr</li> <li>» IV Injection</li> <li>» Scan Immediately</li> <li>» Scan takes about 40 minutes</li> </ul>	<ul style="list-style-type: none"> <li>» Drink 2-3 cups of water within 1 hour of appointment.</li> <li>» No diuretics x1 week.</li> <li>» Stop all ACE inhibitors 3-4 days prior to scan.</li> <li>» No Barium x 48 hours prior to scan.</li> <li>» Creatinine Lab results must be within 4 weeks.</li> </ul>
<input type="checkbox"/> Liver/Spleen Scan	<ul style="list-style-type: none"> <li>» IV Injection</li> <li>» Wait 10 Minutes</li> <li>» Scan takes about 1 hour</li> </ul>	<ul style="list-style-type: none"> <li>» No Prep</li> </ul>
<input type="checkbox"/> Parathyroid scan	<ul style="list-style-type: none"> <li>» Start IV, inject with Tc99m- Sestamibi</li> <li>» Wait 20 min, scan 20 min</li> <li>» Scan at 2 hours for 20 min</li> </ul>	<ul style="list-style-type: none"> <li>» No Prep</li> </ul>
<input type="checkbox"/> Meckels Diverticulum	<ul style="list-style-type: none"> <li>» Inject Tc99m-PerchnetScan for 60 Min</li> </ul>	<ul style="list-style-type: none"> <li>» NPO 4-12 hours</li> <li>» Discontinue thyroid meds</li> <li>» No recent barium studies</li> </ul>