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</table>
| **NUCLEAR CARDIAC STRESS TEST**  
-78452-  
-93017-  
-A9502- (X2)  
+ W/LEXISCAN (IF INDICATED)  
-J2785- | - NPO AFTER MIDNIGHT, EXCEPT H2O  
- IF ORDERED AS TREADMILL/EXERCISE, WITHHOLD ALL BETA BLOCKERS 24 HRS. PRIOR (this is not required for LEXI)  
- WITHHOLD ALL NITRATES 24 HRS. PRIOR  
- IMPORTANT: BRING BP MEDS OR OTHER MEDS WITH YOU IF HELD FOR EXAM.  
- CAFFEINE-FREE MIN. 12 HRS. (THIS INCLUDES COFFEE, TEA, SODAS, CHOCOLATE, ENERGY SUPPLEMENTS/DRINKS, AND EXCEDRIN.)  
- WEAR COMFORTABLE SHOES/CLOTHING, PREFERABLY WITH NO METAL ON SHIRT  
- SHOWER, BUT NO LOTION OR OILS ON ABDOMEN/CHEST  
- BRING A SNACK OR MONEY FOR CAFETERIA  
- EXAM TIME: 3.5-4.0 HRS. | - CHEST PAIN  
- ABNORMAL EKG  
- CHF  
- CAD  
- PALPITATIONS  
- SOB  
- PRE-OPERATIVE EVAL.  
- ANGINA PECTORIS  
- CABG STATUS  
- ACUTE MI |
| **BONE SCAN**  
-78315-  
-A9503-  
**SPECT/CT IF INDICATED**  
-78999- | - NO PREP  
- GENERAL HYDRATION IS HELPFUL  
- EXAM TIME TOTAL: 4 HRS.  
- INITIAL: 15-30 MIN.  
- CIRCULATION TIME: 3 HRS. PATIENT MAY LEAVE DURING THIS TIME.  
- SCAN TIME: 15-45 MIN. | - POSSIBLE FRACTURE  
- LOOSENING PROSTHESIS  
- OSTEOMYELITIS VS. CELLULITIS  
- EVALUATION OF REFLEX SYMPATHETIC DYSTROPHY |
| **BONE SCAN**  
-78300-  
-A9503-  
**SPECT/CT IF INDICATED**  
-78999- | - NO PREP  
- GENERAL HYDRATION IS HELPFUL  
- EXAM TIME TOTAL: 3.5-4 HRS.  
- INJECTION: 15 MIN.  
- CIRCULATION TIME: 3 HRS. PATIENT MAY LEAVE DURING THIS TIME.  
- SCAN TIME: 30 MIN. | - BONE PAIN RELATED TO A FOCAL AREA |
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<tr>
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</thead>
<tbody>
<tr>
<td><strong>BONE SCAN</strong></td>
<td>- NO PREP</td>
<td>- STAGING, RE-STAGING EVALUATIONS FOR ANY TYPE OF CANCER</td>
</tr>
<tr>
<td>WHOLE BODY (TOTAL)</td>
<td>- GENERAL HYDRATION IS HELPFUL</td>
<td>- METASTATIC DISEASE</td>
</tr>
<tr>
<td></td>
<td>- EXAM TIME TOTAL: 4 HRS.</td>
<td>- WIDESPREAD BONE PAIN</td>
</tr>
<tr>
<td></td>
<td>- INJECTION: 15 MIN.</td>
<td>- PAGET’S DISEASE</td>
</tr>
<tr>
<td></td>
<td>- CIRCULATION TIME: 3 HRS.</td>
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</tr>
<tr>
<td></td>
<td>- PATIENT MAY LEAVE DURING THIS TIME.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- SCAN TIME: 45 MIN.</td>
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<tr>
<td></td>
<td>**ALL CANCER PATIENTS MUST HAVE CLINIC NOTES.</td>
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<tr>
<td></td>
<td>**FOR ALL PROSTATE CANCER PATIENTS, PULL PSA LAB VALUE HISTORY.</td>
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</tr>
<tr>
<td><strong>SPECT/CT IF INDICATED</strong></td>
<td></td>
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<tr>
<td>-78999-</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>GASTRIC EMPTYING</strong></td>
<td>- STRICT NPO AFTER MIDNIGHT</td>
<td>- GASTROPARESIS</td>
</tr>
<tr>
<td></td>
<td>- DISCONTINUE SEDATIVES 12 HR. PRIOR</td>
<td>- WEIGHT LOSS</td>
</tr>
<tr>
<td></td>
<td>- BRING MEDICATION LIST</td>
<td>- DELAYED GASTRIC EMPTYING</td>
</tr>
<tr>
<td></td>
<td>- CONTRAINDICATION: ALLERGY TO EGGS</td>
<td>- NAUSEA, VOMITING, EARLY SATIETY, BLOATING, UPPER ABDOMINAL DISCOMFORT</td>
</tr>
<tr>
<td></td>
<td>- EXAM TIME: 4.25 HRS.</td>
<td>- EVALUATE MECHANICAL OBSTRUCTION</td>
</tr>
<tr>
<td></td>
<td>**USE GASTRIC FORM</td>
<td></td>
</tr>
<tr>
<td><strong>HIDA</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-78226-</td>
<td>- NO PREP</td>
<td>- EVALUATION OF CHOLECYSTITIS, GALL BLADDER INFLAMMATION, CYSTIC OR COMMON BILE DUCTS</td>
</tr>
<tr>
<td>-A9537-</td>
<td>- EXAM TIME: 1.25 HRS.</td>
<td>- EVALUATION OF OBSTRUCTION</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- EVALUATION AFTER GALLBLADDER SURGERY FOR SUSPECTED LEAKAGE.</td>
</tr>
<tr>
<td>PROCEDURE/CPT CODE</td>
<td>PATIENT PREP/DURATION</td>
<td>COMMON INDICATIONS</td>
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</tbody>
</table>
| HIDA W/EJECTION FRACTION  
-78227-  
-A9537-  
-J2805- | - STRICT NPO 6 HRS.  
- NO NARCOTICS MINIMUM 6 HRS. PRIOR  
- EXAM TIME: 2.5 HRS. | - RUQ PAIN  
- ABDOMINAL PAIN  
- EVALUATION OF CHOLECYSTITIS  
- EVALUATION OF CHOLELITHIASIS; OBSTRUCTION  
- CALCULATION OF EJECTION FRACTION |
| PARATHYROID SCAN WITH SPECT/CT  
-78072-  
-A9500- | - NO PREP  
- PLEASE PROVIDE PTH AND CA+ LAB RESULTS  
- EXAM TIME: 2.5 HRS. | - ELEVATED PTH AND CA+ LAB RESULTS  
- DETECTION AND LOCALIZATION OF PARATHYROID CA  
- DETECTION AND LOCALIZATION OF ADENOMAS OR PARATHYROID TISSUE  
**PATIENT MUST HAVE PTH AND CA+ LAB VALUES WITHIN 30 DAYS.** |
| GI BLEED STUDY  
-78278-  
-A9560- | - NO PREP  
- EXAM TIME: 1.5 HR. | - DETECTION AND LOCALIZATION OF ACTIVE ABDOMINAL BLEEDING SITES |
| UNLISTED SPECT/CT IF INDICATED  
-78999- | - NO PREP  
- EXAM TIME: 1.25 HRS. | - EVALUATE WALL MOTION  
- CALCULATION OF EF, VENTRICULAR VOLUME, CARDIAC OUTPUT AND DIASTOLIC FUNCTION  
- ASSESSMENT OF CHF  
- EVALUATION PRE- OR POST- CHEMO OR RADIATION THERAPY  
- DYSPEA |
| MUGA  
-78472-  
-A9560- | - NO PREP  
- EXAM TIME: 1.25 HRS. | |
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</thead>
</table>
| RENAL SCAN W/FLOW AND FUNCTION -78707- -A9562 | - PATIENT SHOULD BE WELL HYDRATED  
- EXAM TIME: 30-45 MIN. | - EVALUATION OF KIDNEY TRANSPLANT  
- EVALUATION OF RENAL TUBULAR FUNCTION AND PERFUSION |
| RENAL SCAN W/FLOW, FUNCTION, AND WASHOUT (LASIX) -78708- -A9562- | - PATIENT SHOULD BE WELL HYDRATED  
- EXAM TIME: 45 MIN.-1 HR. | - EVALUATION OF RENAL OBSTRUCTIVE NEPHROPATHY AND/OR HYDRONEPHROSIS  
- EVALUATION OF KIDNEY TRANSPLANT  
- EVALUATION OF RENAL TUBULAR FUNCTION AND PERFUSION |
| LYMPHOSCINTIGRAPHY WITH SPECT/CT -78195- -A9520- -78999- | - NPO FOR SURGERY  
- EXAM TIME: 2 HRS.  
**ORDER COMES FROM DAY SURGERY SCHEDULING SYSTEM. IT SHOULD STATE NUCLEAR MEDICINE INJECTION WITH IMAGING OR LYMPHOSCINTIGRAPHY, INDICATING LOCATION AND SIDE. | - LOCALIZATION OF LYMPH NODE INVOLVEMENT FOR SURGICAL INTERVENTION  
- MELANOMA |
| MECKEL’S DIVERTICULUM -78290- -A9512- | - NPO MINIMUM 4 HRS.  
- EXAM TIME: 1.25 HRS. | - LOCALIZATION OF MECKEL’S DIVERTICULUM |
| OCTREOSCAN SERIES WITH SPECT/CT -78804- -A9572- -78999- | - PATIENT SHOULD BE WELL HYDRATED  
- MILD LAXATIVE IF NEEDED  
- EXAM TIME:  
  DAY1 INJECTION: 15 MIN.  
  DAY 1 CIRCULATION: 4 HR.  
  DAY 1 SCAN: 30 MIN.  
  DAY 2 SCAN: 1.5 HR. | - DETECTION AND LOCALIZATION OF SOMATOSTATIN RECEPTORS ON PRIMARY AND METASTATIC NEUROENDOCRINE TUMORS |
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<tbody>
<tr>
<td>LUNG PERFUSION/QUANTIFICATION</td>
<td>- NO PREP</td>
<td>- EVALUATE HIGH-RISK PATIENTS PREOPERATIVELY FOR SURGICAL CANDIDACY</td>
</tr>
<tr>
<td>-78597-</td>
<td>- SCAN TIME: 20 MINUTES</td>
<td>- EVALUATION OF PULMONARY PERFUSION</td>
</tr>
<tr>
<td>-A9540-</td>
<td>**CHEST X-RAY REQUIRED WITHIN 24 HR. OF PERFUSION</td>
<td></td>
</tr>
<tr>
<td>LUNG VENTILATION/PERFUSION (V/Q)</td>
<td>- NO PREP</td>
<td>- EVALUATION OF PE</td>
</tr>
<tr>
<td>-78582-</td>
<td>- SCAN TIME: 30 MINUTES</td>
<td>- EVALUATION OF PULMONARY PERFUSION</td>
</tr>
<tr>
<td>-A9540-</td>
<td>**CHEST X-RAY REQUIRED WITHIN 24 HR. OF V/Q</td>
<td>- CP</td>
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<tr>
<td>-A9558-</td>
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<td>- SOB</td>
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<tr>
<td></td>
<td></td>
<td>- LOW O2 SATURATION</td>
</tr>
<tr>
<td>IN-111 TAGGED WHITE BLOOD CELL STUDY</td>
<td>- NO PREP</td>
<td>- DETECTION AND LOCALIZATION OF ACUTE AND CHRONIC OSTEOMYELITIS OF FOCAL AREA</td>
</tr>
<tr>
<td>LIMITED</td>
<td>- SEND ANY ASSOCIATED LAB RESULTS</td>
<td>- ACUTE FOCAL ABSCESSES</td>
</tr>
<tr>
<td>-78805-</td>
<td>- ANTIBIOTICS DECREASE LEUKOCYTE CHEMOTAXIS</td>
<td>- PROSTHESIS REJECTION</td>
</tr>
<tr>
<td>-A9547-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WITH SPECT/CT IF INDICATED</td>
<td>***MUST CONTACT NM COLLEAGUE TO CHECK AVAILABILITY OF ISOTOPE IF NEXT DAY</td>
<td></td>
</tr>
<tr>
<td>-78999-</td>
<td>***MINIMUM 24 HR. SCAN: CAN ONLY START MONDAY-THURSDAY</td>
<td></td>
</tr>
<tr>
<td>IN-111 TAGGED WHITE BLOOD CELL STUDY</td>
<td>- NO PREP</td>
<td>- FEVER OF UNKNOWN ORIGIN</td>
</tr>
<tr>
<td>WHOLE BODY</td>
<td>- SEND ANY ASSOCIATED LAB RESULTS</td>
<td>- ACUTE INFLAMMATORY DISEASE</td>
</tr>
<tr>
<td>-78806-</td>
<td>- ANTIBIOTICS DECREASE LEUKOCYTE CHEMOTAXIS</td>
<td>- DIFFERENTIATION OF PULMONARY INFILTRATES</td>
</tr>
<tr>
<td>-A9547-</td>
<td></td>
<td></td>
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<tr>
<td>WITH SPECT/CT IF INDICATED</td>
<td>***MUST CONTACT NM COLLEAGUE TO CHECK AVAILABILITY OF ISOTOPE IF NEXT DAY</td>
<td></td>
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<tr>
<td>-78999-</td>
<td>***MINIMUM 24 HR. SCAN: CAN ONLY START MONDAY-THURSDAY</td>
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</table>
| THYROID UPTAKE ONLY (RAIU)  
-78012-  
-A9516- X3 | - DAY 1, TIME INITIAL: 15 MINUTES  
- CIRCULATION: 4 HRS  
- UPTAKE: 15 MINUTES  
- DAY 2, UPTAKE TIME: 15 MINUTES  
**DO NOT CALL**  
**NEED LABS**  
-FREE T3  
-FREE T4  
-TSH | - EVALUATION OF HYPERTHYROIDISM OR HYPOTHYROIDISM  
- TOXIC GOITER  
- THYROIDITIS  
- ABN THYROID SERUM LAB RESULTS  
- DIFFERENTIATION OF BENIGN VS. MALIGNANT THYROID NODULES |
| THYROID CANCER ABLATION  
-78018- X2  
-78020-  
-79005-  
-A9517- | - CONTACT NUCLEAR MEDICINE @  
-2605 | - THYROID CANCER |
| THYROID CA EVALUATION  
-78018-  
-78020- | - CONTACT NUCLEAR MEDICINE @  
-2605 | - THYROID CANCER |
| THYROID UPTAKE AND SCAN (RAIU DIAGNOSTIC)  
-78014-  
-A9516- X3 | - DAY 1 EXAM TIME INITIAL: 15 MINUTES  
- CIRCULATION: 4 HRS  
- UPTAKE AND SCAN: 30 MIN.  
- DAY 2 UPTAKE EXAM TIME: 15 MIN.  
**DO NOT CALL**  
**NEED LABS**  
-FREE T3  
-FREE T4  
-TSH  
**USE THYROID FORMS (2)** | - EVALUATION OF THYROID ANATOMY  
- EVALUATION OF HYPERTHYROIDISM OR HYPOTHYROIDISM  
- TOXIC GOITER  
- THYROIDITIS  
- ABN THYROID SERUM LAB RESULTS  
- DIFFERENTIATION OF BENIGN VS. MALIGNANT THYROID NODULES |
SPECIAL CONSIDERATIONS

**CHECK SCHEDULE AT 12 PM OR AFTER. ALL NEXT DAY ADD-ONS, NEXT DAY CANCELLATIONS, AND NEXT DAY TIME CHANGES MUST BE CONVEYED TO NUCLEAR MEDICINE COORDINATOR OR TECHNOLOGIST, SO THAT ISOTOPES MAY BE ORDERED OR CANCELLED.**

**I-123 UPTAKE AND SCANS REQUIRE FREE T3, FREE T4, AND TSH LAB VALUES, WITHIN 30 DAYS. PLEASE OBTAIN FROM EMR OR PHYSICIAN’S OFFICE.**

**PARATHYROID SCANS REQUIRE CA+ AND PTH LAB VALUES, WITHIN 30 DAYS. PLEASE OBTAIN FROM EMR OR PHYSICIAN’S OFFICE.**

**CLINIC NOTES SHOULD BE PULLED ON ALL CANCER PATIENTS**

**PSA LAB VALUE HISTORY SHOULD BE PULLED ON ALL PROSTATE CANCER PATIENTS**

**ALL THERAPY PROCEDURES MUST BE SCHEDULED DIRECTLY WITH TECHNOLOGISTS.**