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PREPARATION FOR NUCLEAR MEDICINE SCANS

CAUTION: The patient is not to bring any pregnant women or children under the age of 17 with them to their appointment(s). For 24 hours following the completion of the exam, the patient must not come within six feet of pregnant women or children under the age of 17.

BONE SCAN

No prep. Patient receives injection at time of appointment and then returns in 3 to 4 hours for scan.

CARDIOLITE STRESS OR REST SCANS

If scheduled in **AM** – Nothing to eat or drink after midnight. No heart medication the morning of the appointment. No caffeine or nicotine for 12 hours prior to appointment. If patient is diabetic, may have juice or broth to take with insulin. (Patient can eat after injection of Cardiolite). Patient to return 1 to 1 ½ hours after injection which is given at time of appointment.

If scheduled in **PM** – Light breakfast then nothing to eat or drink afterwards for 6 hours prior to scan. No heart medication the morning of the appointment. No caffeine or nicotine for 12 hours prior to appointment. (Patient can eat after injection of Cardiolite). Patient to return 1 to 1 ½ hours after injection which is given at time of appointment.

IV PERSANTINE CARDIOLITE STRESS

If scheduled in **AM** – Nothing to eat or drink after midnight. No lung medication that contains theophylline for 24 hours prior to appointment. No inhalers for 24 hours unless it is Albuterol. No heart medication the morning of the appointment. No caffeine or nicotine for 12 hours prior to appointment. If patient is diabetic, may have juice or broth to take with insulin. (Patient can eat after injection of Cardiolite). Patient to return 1 to 1 ½ hours after injection which is given at time of appointment.

If scheduled in **PM** – Light breakfast then nothing to eat or drink afterwards for 6 hours prior to scan. No lung medication that contains theophylline for 24 hours prior to appointment. No inhalers for 24 hours unless it is Albuterol. No heart medication the morning of the appointment. No caffeine or nicotine for 12 hours prior to appointment. (Patient can eat after injection of Cardiolite). Patient to return 1 to 1 ½ hours after injection which is given at time of appointment.

GASTRIC EMPTYING DUAL PHASE (SOLID AND LIQUID)

This is a 2-day study. Nothing to eat or drink after midnight prior to first appointment. Solid phase will be scheduled first. The patient is to bring with them one serving of tuna fish or egg salad sandwich and one carton of milk. This portion of the test will take 90 minutes. Liquid phase is scheduled on the second day. The patient is to bring with them an 8 oz serving of juice. This portion of the test will take 40 minutes.

HIDA SCAN WITH AND WITHOUT EJECTION FRACTION

Nothing to eat or drink 4 hours prior to scan. No pain medications for 12 hours prior to scan. The scan will take 1 hour for a regular HIDA study and 1 hour and 40 minutes for HIDA with ejection fraction. Note, the patient may have to return for delay views if required.

RENAL SCAN

No medications after 8 p.m. the night prior to appointment. Scan time is 30 minutes.

RENAL SCAN WITH CAPTOPRIL

No Captopril, Endopril, or Capoten for 24 hours prior to scan. Scan time is 60 minutes.

LIVER/SPLEEN SCAN

No prep. Scan time is 30 minutes.

LUNG PERFUSION SCAN

No prep. Scan time is 30 to 45 minutes.

MECKEL'S DIVERTICULUM

Nothing to eat or drink six hours prior to scan. Scan time 1 hour.

MUGA SCAN

No prep. Scan time 45 minutes.

NEOTECT LUNG SCAN

No prep. Patient returns 3 to 4 hours after injection which is given at time of first appointment. Scan time 30 minutes.

INDIUM (WHITE BLOOD CELLS)

This is a 2 day study. 1st day: 8 AM draw 50-60 ml's of blood. 2 PM patient re-injected. 2nd day: 8 AM scan

CERETEC (WHITE BLOOD CELLS)

8 AM draw 50-60 ml's of blood. 2 PM patient re-injected and then scanned. No prep. One hour scan time.

PARATHYROID SCAN

No thyroid medication for 3 to 4 weeks prior to appointment. No antihistamine medication for 4 days prior to appointment. Patient scanned at immediate, 15 minutes, 30 minutes 1½ hours post injection. Each scan takes 10 to 15 minutes.

THYROID SCAN ONLY

No antihistamine medication for 4 days prior to appointment. No fish or seafood or multivitamins 3 weeks prior to exam. Patient will return 20 to 30 minutes post injection. Scan time is 30 minutes.

THYROID SCAN WITH UPTAKE

No thyroid medication for 3 to 4 weeks prior to appointment. No antihistamine medication for 4 days prior to appointment and until scan is done. Study requires three visits: 1st day will take a pill at time of appointment. Returns in 6 hours for scanning which will take 40 minutes. Returns 24 hours later for scanning which will take 15 minutes.

REFER TO THYROID MEDICATION SHEET (page 4)

THYROID MEDICATION SHEET

MEDICATIONS THAT INTERFERE WITH IODINE-123 UPTAKE AND SCAN ACCURACY

PRESCRIPTION MEDICATION	TIME PERIOD BETWEEN LAST DOSE AND SCAN APPOINTMENT
Synthroid	1 month prior to exam
Armour	4 to 6 weeks prior to exam
Levoxyl	1 month prior to exam
Levothyroxine	1 month prior to exam
Cytomel	1 month prior to exam
Tapazole	5 days prior to exam
Methimazole	5 days prior to exam
PTU (propylthiouracil)	7 to 10 days prior to exam
Iodine-based contrast (used in CT/MRI)	6 weeks prior to exam

NON-PRESCRIPTION SUBSTANCES	TIME PERIOD BETWEEN LAST USE AND SCAN APPOINTMENT
Multivitamins (Centrum, One-A-Day, etc)	3 weeks prior to exam
Tablet salt (iodized)	7 days prior to exam
Seafood/sushi (kelp)	3 weeks prior to exam
Cod liver/fish oils	3 weeks prior to exam
Cold medications/antihistamines	1 week prior to exam