



NUCLEAR MEDICINE TECHNOLOGY PROGRAM

**COMPETENCY EVALUATION - SPECIAL LAB PROCEDURES**  
(WBC, Schilling Test, Thyroid Uptake, Thyroid therapy, Bone Pain Therapy, etc.)

Student: \_\_\_\_\_ Date: \_\_\_\_\_

Hospital: \_\_\_\_\_

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1 = satisfactory, 0 = unsatisfactory, **NATO** = not able to observe, **NA** = Not applicable

**A. PREPARATION of the ROOM**

- \_\_\_\_\_ 1. Maintains room cleanliness
- \_\_\_\_\_ 2. Obtains necessary supplies for procedures
- \_\_\_\_\_ 3. Performs quality control procedures on dose calibrator

Comments:

**B. PREPARATION of RADIOPHARMACEUTICALS**

- \_\_\_\_\_ 1. Wears gloves and full-length lab coat
- \_\_\_\_\_ 2. Wears film and ring badges daily
- \_\_\_\_\_ 3. Demonstrates proper record keeping and labels vials
- \_\_\_\_\_ 4. Checks expiration dates on pharmaceuticals.
- \_\_\_\_\_ 5. receives and surveys packages.
- \_\_\_\_\_ 6. Calculates patient dose to be administered
- \_\_\_\_\_ 7. Prepares proper standard for procedure.
- \_\_\_\_\_ 8. Demonstrates proper technique for ordering radiopharmaceuticals
- \_\_\_\_\_ 9. Demonstrates proper sterile technique

Comments:

**C. PREPARATION OF PATIENT**

- \_\_\_\_\_ 1. Questions pregnancy and lactation in females
- \_\_\_\_\_ 2. Addresses patient properly
- \_\_\_\_\_ 3. Confirms patient identification
- \_\_\_\_\_ 4. Explains the procedure to the patient
- \_\_\_\_\_ 5. obtains necessary history from patient - noting interfering medications or procedures

- \_\_\_\_\_ 6. Demonstrates proper administration of radiopharmaceuticals
- \_\_\_\_\_ 7. Removes interfering objects
- \_\_\_\_\_ 8. Discharges patient and confirms additional procedure times and dates.

Comments:

**D. USE of EQUIPMENT**

- \_\_\_\_\_ 1. Properly sets up and uses counting devices
- \_\_\_\_\_ 2. Checks for proper photopeak
- \_\_\_\_\_ 3. Adjust equipment to encompass area to be studied
- \_\_\_\_\_ 4. Demonstrates proper use of centrifuge

Comments:

**E. MISCELLANEOUS**

- \_\_\_\_\_ 1. Demonstrates proper pipetting techniques
- \_\_\_\_\_ 2. Follows proper procedure for collecting necessary patient samples (leukocytes, urine, etc.)
- \_\_\_\_\_ 3. Arranges necessary tasks with nurse or physician

Comments:

**F. COMPLETING REMAINING TASKS**

- \_\_\_\_\_ 1. Records and calculates necessary data
- \_\_\_\_\_ 2. Determines labeling efficiency
- \_\_\_\_\_ 3. Properly files the remaining paperwork
- \_\_\_\_\_ 4. Disposes of radioactive materials

Comments:

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Comments:                      Passed: \_\_\_\_\_                      Failed: \_\_\_\_\_

Evaluator: \_\_\_\_\_                      Date: \_\_\_\_\_