

Human Resources
750 S. Wolcott
Room: G-50
Chicago, IL 60612

COOK COUNTY HEALTH
& HOSPITALS SYSTEM
CCHHS

Job Code: 2078
Grade: 18
FLSA: Non-Exempt

Standard Job Description

Job Title
Nuclear Medicine Technician Senior

Department
Radiology

Job Summary

Performs nuclear medicine examinations at a highly technical level, including special procedures using radiopharmaceuticals under the direction of the Radiologist.

Typical Duties

- Carefully review the requisition for examinations or treatment as submitted by medical staff. Ensures that patients are receiving the proper radiopharmaceutical by following the proper procedures per departmental protocols. Presents any questions to the Department Radiologist.
- Prepares radiopharmaceuticals following specified instructions for each required procedure, selection, calculation and counting of isotopes for administration of patients. Sets up proper positions for examinations with least discomfort or distress to the patients. If necessary, uses sandbags, binders and special apparatus to maintain the required position.
- Operates ionization chamber, Geiger-Mueller Counter, scintillation apparatus to maintain the required position.
- Records technical data used for daily QA, and during patient exams. Cleans equipment and report any system failure to Clinical Engineering and Department Administration.
- Computes results of nuclear medical procedures, calculates results using electric calculator, and nomograms, following specified statistical procedures. Post these results on appropriate forms and route results to physician for interpretation.
- Assists with training nuclear medical technologist students including demonstration and other related training.
- Covers on call.
- Cleans up and reports and spills of Radiopharmaceuticals to Department Physicist (RSO) and/or Nuclear Medicine Safety Technician for decontamination.
- Reviews training plans, assists in set up training classes, prepares manuals, outlines, lectures, demonstrations, tests and other training material.
- Assists with supervision, makes out schedule and receives special instructions from medical physician. Gives instructions from medical officer. Performs instructions as provided by medical staff for handling of special exams, not within the routine procedures.
- Observes to see that all procedures are done and assists with working out satisfactory solutions.
- Performs other related duties as required.

Reporting Relationships

Reports to the Technical Manager III

Minimum Qualifications

- ✓ High School Diploma or GED
- ✓ Graduate of American Medical Association (AMA) accredited program in Nuclear Medicine
- ✓ Registered by the American Registry of Radiologic Technologists (ARRT) or Nuclear Medicine Technology Certification Board (NMTCB) in Nuclear Medicine
- ✓ Two (2) years of clinical experience in Nuclear Medicine
- ✓ Licensed by Illinois Emergency Management Agency (IEMA)

Knowledge, Skills, Abilities and Other Characteristics

- Thorough knowledge of the operation of nuclear instruments and the physical composition of radionuclides, to minimize radiation hazard to patients, self, and other personnel.
- Must have working knowledge of radiological mathematics, basic radiation physics, radiation units, and radiation protection.
- Excellent verbal and written communication skills necessary to communicate with all levels of staff and a patient population composed of diverse cultures and age groups
- Ability to maintain a professional demeanor and composure when challenged

Physical and Environmental Demands

This position is functioning within a healthcare environment. The incumbent is responsible for adherence to all hospital and department specific safety requirements. This includes but is not limited to the following policies and procedures: complying with Personal Protective Equipment requirements, hand washing and sanitizing practices, complying with department specific engineering and work practice controls and any other work area safety precautions as specified by hospital wide policy and departmental procedures.

The above statements are intended to describe the general nature and level of work being performed by people assigned to this classification. They are not intended to be construed as an exhaustive list of all responsibilities, duties and skills required of the personnel so classified.

For purposes of the American with Disabilities Act, "Typical Duties" are essential job functions.

Approval: David Smith 10/21/16
Date
David Smith
Technical Manager III

Approval: _____
Date
Gladys Lopez
Chief of Human Resources