



Job Code: 7695
Grade: 17
HCWR: N

Job Title

Special Procedures Technologist - X-Ray/Magnetic
Resonance Imaging

Department

Radiology

Job Summary

Under the direction of the Supervision of Diagnostic Radiology, the Special Procedures Technologist - X-Ray/ Magnetic Resonance Imaging utilizes both General Diagnostic X-Ray equipment and magnetic resonance imaging (MRI) scanners and produce general diagnostic and cross- sectional images of patients' internal organs and tissues for diagnosis of medical conditions. This includes prioritizing sequence of procedures, completion of actual exams, and following through with all necessary paperwork. Practice infection control and adhere to radiation safety measures.

Typical Duties

- Initiates and completes all Radiology and MRI procedures, producing quality images,
- demonstrates appropriate psychosocial interventions based on age and developmental status.
- Works cooperatively with all personnel maintaining proper conduct and high ethical standards with all co-workers and patients.
- Assesses requisitions for appropriateness.
- Performs the two patient identification/verification process according to procedure. Verifies the patient by asking the patient to state his/her name and verify name with ID bracelet and /or time out sheet with the requisition prior to performing the procedure.
- Takes radiographs as assigned following prescribed techniques and procedures
- Prepares and administers to patients contrast agent necessary for the radiography of internal organs.
- Prepares injectors with contrast media and assists with administration.
- May initiate IV's for administration of contrast media for MRI enhancement in accordance with department policy.
- Maintains daily log sheets with patient's name nature of examination, area examined, and type of protective device used.
- Assesses and observes patient for adverse reactions during procedure. Documents all allergic reactions according to department and hospital policy.
- Prepares patient and set up equipment necessary for x-ray and or MRI procedure, explains the procedure to the patient, assist and transfer patient to table, position patient's body or instruct patient how to position body for accurate radiographs and assist patient at the end of procedure.
- Follows prescribed techniques in administering general and specific x-rays, adjust equipment, determine proper voltage, current and desired exposure time, arranges immobilization and support devices to obtain position of patient, adjust lead shield to protect unaffected parts of the patient's body, adjust the collimator to direct concentration of rays on the specified area.
- Positions and transfers patients on/off the scanning table, using immobilization devices and maintaining patient comfort.



Typical Duties

- Obtains images of excellent diagnostic quality appropriate for the patient's medical problem.
- Observes patient and machine during procedure and reports unusual occurrences and records patient's condition.
- Sends images to PAC's system Enter patient's in hospital RIS (Cerner.)
- Transports patient within the Department to/from waiting area as required.
- Processes digital images in accordance to guidelines and photographic techniques in PAC's system.
- Performs quality control activities to ensure optimal quality radiographs.
- Performs mobile x-ray in patient's room, pediatric and adult emergency rooms, trauma unit, and operating room.
- Reports equipment problems to supervisor immediately.
- Prepares and maintains radiological records, files, technical work sheets.
- Orders and stocks supplies as required.
- Maintains cleanliness of work area, diagnostic and support equipment. Cleans and disinfects x-ray room and equipment after each patient infection control and safety guidelines.
- May be assigned the responsibility of instruction students and auxiliary personnel in radiologic and magnetic resonance imaging policies and procedures.
- Provides on-call services after normal working hours as needed.
- Assists in setting up sterile trays and instruments.
- Practices radiation protection and MRI safety.
- Evaluates images for technical quality.
- Performs other duties as assigned.

Minimum Qualifications

- High School Diploma or GED equivalent
- Graduate of a two (2) year American Medical Association approved School of Radiologic Technology
- Registered by the American Registry of Radiology Technology (ARRT) in Radiology
- Registered by the American Registry of Radiologic Technology (ARRT) in Magnetic Resonance Imaging (MRI)
- Two (2) years of full-time experience as a staff X-Ray Technologist
- Active licensure by the Illinois Emergency Management Agency (IEMA)
- Must have current Cardiopulmonary Resuscitation (CPR) certification

Preferred Qualifications

- One (1) year full time experience as a MRI technologist or one (1) year on the job training in MRI technology

Knowledge, Skills, Abilities and Other Characteristics

- Knowledge of human growth and development
- Good organizational and time management skills
- Excellent verbal and written communication skills
- Excellent interpersonal skills
- Ability to assess, provide, and interpret age specific data



Knowledge, Skills, Abilities and Other Characteristics

- Ability to interpret age specific response to treatment
- Ability to involve family or significant other in decision-making related to plan of care
- Ability to sit 2-3 hours/day on chair completing administrative duties, i.e. reports, reading, meetings, etc.
- Ability to stand 4-6 hours/day on feet
- Ability to lift up to 25lbs., may include bending and lifting objects
- Ability to adapt to variations in temperature
- Ability to distinguish between basic colors; other visual requirements
- Ability to operate controls of equipment
- Ability to distinguish regular/high pitched sounds; discriminate source of sound
- Ability to push and/or pull using principles of body mechanics

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.