POSITION RESPONSIBILITIES
The MRI technologist operates and facilitates the use of a 3 Tesla MRI instrument in both Research and clinical studies. The individual operates the magnetic resonance imaging (MRI) machine, assists users with operation of stimulus delivery and subject response computers and other study support equipment. The individual also maintains data records; research paradigm paperwork including consent and IRB associated documentation. The individual is responsible for archival of acquired data on both PAX and Research computers.

The Technologist is expected to operate a 3T Philips MRI scanner (R5.6 or higher), administer intravenous injections of gadolinium, take blood samples and orchestrate the placement of subjects into the scanner. The individual is expected to explain MRI procedures to subjects, select software options and imaging parameters when adjusting an MRI machine, view images from an imaging session and keep records of the results. They are expected to maneuver examination equipment, prepare patients for procedures, move disabled patients from wheelchairs onto examination tables and position them for imaging.

The individual must have strong written and verbal communication skills, and be sensitive to the physical and psychological needs of patients and subjects. This position requires strict attention to subject and patient safety and the limitations imposed by non-MRI compatible medical components.

Job Duties

- Management of clinical patient flow and research subjects during MRI data acquisition
- Performs MRI imaging procedures on appropriate anatomical regions in accordance with accepted standards of practice and protocols of the individual site Radiologist.
- Operates a 3T Philips Achieva MRI device during patient imaging
- Completes Patient Screening, explains the procedure to the patient.
- Management of subject stimulus devices – hardware and software used for research studies
- Provides Investigators with support in the use of stimulus instrumentation and software.
- Maintains patient care, comfort and safety during transport to and from the coach and during the exam.
- Maintains technical competency through continued education and participation in company sponsored training programs.
- Facilitates patient registration in EPIC, data upload to PACS server, and subject data archival to research computing resources.
- Under guidance and approval of site Radiologist, administers contrast agents according to site-specific protocols.
- When required, assist in pre-processing of subject MRI data following acquisition where required.
- Cooperates with facility healthcare personnel and complies with facility policies and procedures.
- Provide images to the facility in the desired site format.
- Maintaining subject data records, research project use of the instruments, while maintaining patient and subject confidentiality.
- Performs equipment quality checks and troubleshoots problems. Calls for service and notifies all pertinent team members.
- Maintains and organizes laboratory instrumentation.
- May assist with the set up and tear down of equipment in accordance with manufacturers’ guidelines.
- Maintains a clean environment inside and outside of the MRI console room and patient areas.
- Completes necessary administrative tasks.
- Works with researchers to implement new research projects
- Follows quality assurance guidelines and conducts QA measurements.
- Complies with all safety policies and regulations.
• Working with MRI physicists to implement new imaging strategies.
• Maintains current Permits to Practice in all states in which services are performed.
• Performs additional duties as required, including facility cleanliness and operational device hygiene.

Education:

• Preferred: Graduate of a Radiologic Program
• Required: Graduate of an approved two-year Radiologic Technology program or equivalent.

Special Skills and Requirements:

• Be able to operate or learn to operate a Philips 3T Achieva or Ingenia MRI,
• Confidently perform neuro, body and MSK clinical imaging studies. MRA a plus.
• Must be able to interact with client personnel and team members in an autonomous responsible, professional and ethical manner.
• Must be English speaking – ability to speak Spanish is desired.
• Must be certified to draw blood and administer intravenous fluids.
• Must be able to produce very high-quality MRI imaging with little supervision.
• Must be able to function effectively in a team-oriented environment.
• Must be flexible, reliable and demonstrate sound judgment and initiative.
• Ability to lift a minimum of 60 pounds as well as assist with patient maneuvering.
• Must be able to work with both adults and children.
• Able to demonstrate competency in all applicable areas.
• Be able to work limited late-afternoon hours and occasional Saturday.

Licensing:

• Applicants should have certification with the American Registry of Radiologic Technologists (ARRT)
• Must be licensed by the State of New York
• Must be certified to perform venipuncture
• CPR certification a plus.

Apply Here: [https://www.click2apply.net/GKWprrl4kONpGCreXskmbe](https://www.click2apply.net/GKWprrl4kONpGCreXskmbe)

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