

**At Stanford Children's Health, we know world-renowned care begins with world-class caring. That's why we combine advanced technologies and breakthrough discoveries with family-centered care. It's why we provide our caregivers with continuing education and state-of-the-art facilities, like the newly remodeled Lucile Packard Children's Hospital Stanford. And it's why we need caring, committed people on our team - like you. Join us on our mission to heal humanity, one child and family at a time.**

#### **Job Summary:**

*This paragraph summarizes the general nature, level and purpose of the job.*

Performs a variety of magnetic resonance imaging (MRI) procedures on patients using high field strength magnets and related equipment. Performs MRI imaging sequences necessary to reach a medical diagnosis and decision. Works under the guidance of Radiologists; participates in resident training program and may be responsible for specific areas of instruction in the training of Radiology students, house staff, or others, in MRI procedures, protocols, and equipment and/or safety issues. Bills all procedures performed and maintain necessary paperwork.

#### **Essential Functions:**

*The essential functions listed are typical examples of work performed by positions in this job classification. They are not designed to contain or be interpreted as a comprehensive inventory of all duties, tasks, and responsibilities. Employees may also perform other duties as assigned.*

*Employees must abide by all Joint Commission Requirements including but not limited to sensitivity to cultural diversity, patient care, patient rights and ethical treatment, safety and security of physical environments, emergency management, teamwork, respect for others, participation in ongoing education and training, communication and adherence to safety and quality programs, sustaining compliance with National Patient Safety Goals, and licensure and health screenings.*

Must perform all duties and responsibilities in accordance with the Service Standards of the Hospital(s).

- Assists in the training of Radiology students, house staff, or others, in MRI procedures, protocols, and equipment and/or safety issues
- Bills all procedures performed and maintain necessary paperwork.
- Obtains quality images for medical diagnosis by performing magnetic resonance imaging (MRI) procedures as directed by a physician by using appropriate technical factors and scanning techniques
- Performs and remains current on all scanning protocols.
- Evaluates MRI scans for technical quality, collate processed images and sequence of exposure and label appropriately. Prepares patients for MRI exam: explains procedure, ensures that patient screening form is properly completed, safely transfers patient to MRI equipment, properly positions patient and assists patient on completion of exam; completes exams in the required timeframe.
- Troubleshoots equipment problems and when necessary report to the proper personnel for repair.
- Utilizes ancillary equipment appropriately including: PACS system, laser camera, MedRad power injector, RIS, and Invivo monitor.
- Independently and consistently performs highly specialized imaging protocols (i.e., cardiac, fMRI) and works closely with Radiologists to develop new techniques
- Acts as a solid resource for other MRI technologists and staff regarding policies and procedures, imaging techniques and coordination of complex imaging procedures.
- Assists and leads acceptance testing for new protocols and takes an active role in training others.

**Minimum Qualifications:**

*Any combination of education and experience that would likely provide the required knowledge, skills and abilities as well as possession of any required licenses or certifications is qualifying.*

**Education:** Completion of an accredited Magnetic Resonance Imaging (MRI) program or Radiologic technology program

**Experience:** Three (3) years of progressively responsible and directly related work experience; Pediatric experience preferred.

**License/Certification:** American Registry of Radiologic Technologists – Magnetic Resonance Imaging Certification (MRI)

**Knowledge, Skills, and Abilities**

*These are the observable and measurable attributes and skills required to perform successfully the essential functions of the job and are generally demonstrated through qualifying experience, education, or licensure/certification.*

- Ability to communicate effectively, both orally and in writing
- Ability to establish and maintain effective relationships with widely diverse groups, including individuals at all levels both within and outside the organization and gain their cooperation
- Ability to follow written and oral instructions
- Ability to perform general and specialized radiographic and fluoroscopic procedures which meet the departments standard of quality
- Ability to troubleshoot, document and communicate equipment problems Ability to work effectively as a team player
- Knowledge of computer systems and software used in functional area
- Knowledge of Magnetic resonance imaging physics, physiology, structural and organic anatomy including cross-sectional anatomy
- Knowledge of Magnetic resonance imaging techniques, methods, and equipment Knowledge of medical equipment, instruments, and related functionalities
- Knowledge of methods of positioning patients for radiographic and magnetic resonance imaging procedures Knowledge of principles of image processing and development applicable to diagnostic imaging
- Knowledge of safety principles and procedures related to ultrasound procedures and equipment