

HF PROVIDENCE SOUTHFIELD HOSPITAL MAGNETIC RESONANCE TRAINING PROGRAM

(rev. 1/25)

GENERAL INFORMATION

The MR program is being offered at the HF Providence Southfield Hospital. One- week rotations during the latter portion of the program include visits to HF Providence Southfield Hospital, HF St. John Hospital, HF Providence Novi Hospital, HF Madison Heights Hospital, and Henry Ford Warren Hospital.

The Henry Ford Health System is located throughout South-Eastern MI. Students who are invited to join this program **will possibly** be rotating to the 5 different facilities listed above depending on availability of exams. We are dedicated to making a positive difference in the lives and health status of individuals and communities, especially the poor.

MISSION STATEMENT

Our mission is to provide each student with an educational opportunity that will improve their technical skills. Through goal setting and achievement, the students will challenge themselves toward excellence in patient care with the radiological sciences.

PROGRAM GOALS

To produce didactically and clinically competent entry-level MRI technologists.
Graduates who are considered employable in the field of MRI.

EQUAL OPPORTUNITY STATEMENT

Qualified applicants are considered for admission to the HF Providence Southfield Hospital School of Magnetic Resonance without regard to race, color, religion, sex, heights, weight, national origin, age, sexual preference, arrest record, marital or veteran status, or the presence of non-job related medical condition or disability. It is the applicant's responsibility to notify us of any reasonable accommodation necessary to perform the essential duties of the position for which the applicant has applied.

CAREER DESCRIPTION

Magnetic Resonance (MR) is a method of creating images of the inside of opaque organs in living organisms. It is primarily used to demonstrate pathological or other physiological alterations of living tissues and is a commonly used form of medical imaging. Those in the profession apply their knowledge of cross-sectional anatomy, physiology, imaging, and physics while performing their duties. They must be able to communicate effectively with patients, other health care professionals and the public. Additional duties may include screening patients prior to exams to maintain a safe environment for all, and education of the public regarding specific imaging procedures. The technologist displays personal attributes of compassion, competence and concern in meeting the special needs of the patient. MRI technologists are employed by hospitals, specialized imaging centers, private physician's offices, industry, and as educators.

COURSE OF STUDY

Three trainees will be accepted for a post-primary (must be registered in Radiography, Nuclear medicine, Ultrasound) 7 month MR program. There are two classes chosen each year. One begins in October, and the other in April.

The course includes patient care in the MR suite, a review of cross-sectional anatomy, an imaging/ procedures course, and a physics and instrumentation course.

Trainees will be given the opportunity to get the exams necessary to sit for the MR registry and to be a well-versed entry level MR technologist. There will be travel involved to different sites besides HF Providence Southfield Hospital. By the third month, students begin rotating to HF St. John Hospital, and by the fifth month will rotate to HF Madison Heights Hospital, HF Warren Hospital, and HF Providence Novi Hospital, if necessary.

The course is a 40-hour school week. The hours of the program are:

Monday-Thursday, 10 hours, 7am-5pm.

The equipment you will have access to will be a GE 1.5T and 3T at the Southfield campus; a 1.5T Phillips Ingenia and a 1.5T Siemens Espree at the HFSJH campus; a 1.5T GE at HF Warren campus; a 1.5T Toshiba at HF Madison Heights campus; and a 1T Open MRI.

You will be able to participate in a wide variety of clinical situations from post-trauma patients to breast cancer.

The cost for the training program is \$3,500, which does not include books required for the training program.

CANDIDATE QUALIFICATIONS

Individuals who have graduated from an accredited radiologic technology program, and who are in good standing with the ARRT, ARDMS, and or NMTCB certification may apply for possible entry into the program. Registry eligible students may apply but must pass the registry within three months of entry in the program. An interview is required, during which candidates are evaluated on:

- Personal impression
- Work Experience
- Interpersonal Skills
- Educational Background*

Educational background will allow for those applicants who have taken advanced levels of Physics, Chemistry, Anatomy and Physiology, and Mathematics to increase their academic score. These values will be determined by reviewing college and/or high school transcripts, as well as School of Radiologic Technology transcripts. A grade of C or better is required to receive credit for the class with classes having been taken in the previous 7 years preferred.

Three letters of professional recommendation are required. The letters must be in a letter format, signed and dated by the recommender; no form letters. The letter should speak to your

character, attitude, work ethic, and performance, and most importantly why you would make a good candidate.

WHAT HF PROVIDENCE EXPECTS OF YOU

- ✓ Regular attendance at all facilities and completion of all assignments and clinical competencies.
- ✓ Maintenance of a minimum clinical competence during the entire program.
- ✓ Agreement to abide by the policies and procedures of Magnetic Resonance Training Program.
- ✓ You must become a member of the ASRT.

WHAT YOU CAN EXPECT FROM HF PROVIDENCE

- ✓ Upon successful completion of all course requirements, you will receive a certificate of graduation from the Magnetic Resonance Training program.
- ✓ You will be able to challenge the national certification examination given by the ARRT.
- ✓ You will collect all the necessary requirements to take the registry.

WHAT YOUR FUTURE HOLDS

Certification as a Registered MRI technologist, with successful completion of the ARRT, you will be authorized to use the title RT(R)(MR) after your name.

PROSPECTIVE APPLICANT PROCEDURE:

Submit the completed application and technical standard survey, along with a \$40 application fee. **Deadline to apply is June 1st for each given year; We attempt to fill both sessions at the same time. However, applications can be submitted at any time to be considered for any upcoming class. There are two start dates, April and October.**

Have your learning institutions submit official transcripts of all your grades
High school and College Transcripts.
School of Radiologic Technology Transcripts.
Completed MRI screening form. (included in application)

Have three letters of **professional** recommendation sent to the program; **at least one** from an MRI technologist.

Address all communications to:

HF Providence Southfield Hospital
Mary A. Kleven, MAOM, B.S.(R)(M)
Manager

Schools of Diagnostic Imaging –MRI Training Program

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PROVIDENCE HOSPITAL
SCHOOL OF RADIOLOGIC TECHNOLOGY

TECHNICAL STANDARDS SURVEY rev. 3/24

All applicants to the School of Radiologic Technology are notified of the minimum physical requirements appropriate to radiologic technology. The inability to perform any of the listed activities indicates a reduced chance of successful completion of the program, or employment in this profession. In such a case, it is recommended that the student not enter the radiography program.

Please read the following statements identifying the technical standards and answer the question provided below. This form is to be returned by the candidate along with the completed application.

The Magnetic Resonance technologist must have sufficient strength and motor coordination required to perform the following physical activities:

- Standing/walking or sitting during most of the clinical training.
- Frequent reaching and manual dexterity in handling accessory equipment for diagnostic purposes. (lift a minimum of 30 pounds)
- Frequently transporting, moving, lifting and transferring patients from a wheelchair or stretcher to and from a radiographic table.
- Possess normal visual and audio acuity. This is necessary to report visual observations of patients and read written orders. Hearing must be adequate to assess patient needs and communicate verbally with other health care providers.
- Possess sufficient verbal and written skills to communicate needs promptly and effectively in English.

Are you able to perform all of the technical standards identified above with or without reasonable accommodations?

YES _____

NO _____

Signature of Applicant

Date

Magnetic Resonance Screening Form for Students

Magnetic resonance (MR) is a medical imaging system in the radiology department that uses a magnetic field and radio waves.

This magnetic field could potentially be hazardous to students entering the environment if they have specific metallic, electronic, magnetic, and/or mechanical devices. Because of this, students must be screened to identify any potential hazards of entering the magnetic resonance environment before beginning clinical rotations.

Pregnancy Notice: The declared pregnant student who continues to work in and around the MR environment should not remain within the MR scanner room or Zone IV during actual data acquisition or scanning.

Name: _____ Date: _____

		Circle Yes or No	
1. Have you had prior surgery or an operation of any kind?	Yes	No	
If yes to question 1, please indicate the date and type of surgery: Date: _____ Surgery Type: _____			
2. Have you had an injury to the eye involving a metallic object (e.g. metallic slivers, foreign body)?	Yes	No	
If yes to question 2, please describe: _____			
3. Have you ever been injured by a metallic object or foreign body (e.g., BB, bullet, shrapnel, etc.)?	Yes	No	
If yes to question 3, please describe: _____			
Please indicate if you have any of the following:			
Aneurysm clip(s)	Yes	No	
Cardiac pacemaker	Yes	No	
Implanted cardioverter defibrillator (ICD)	Yes	No	
Electronic implant or device	Yes	No	
Magnetically-activated implant or device	Yes	No	
Neurostimulator system	Yes	No	
Spinal cord stimulator	Yes	No	
Cochlear implant or implanted hearing aid	Yes	No	
Insulin or infusion pump	Yes	No	
Implanted drug infusion device	Yes	No	
Any type of prosthesis or implant	Yes	No	
Artificial or prosthetic limb	Yes	No	
Any metallic fragment or foreign body	Yes	No	
Any external or internal metallic object	Yes	No	
Hearing aid	Yes	No	
Other device: _____	Yes	No	

I attest that the above information is correct to the best of my knowledge. I have read and understand the entire contents of this form and have had the opportunity to ask questions regarding the information on this form. Should any of this information change, I will inform my program director.

Signature of Person Completing Form: _____ Date ____/____/____

- The student has not identified any contraindications to entering MR Zone III or IV.
- The student has identified contraindications to entering MR Zones III and IV. The student has been advised not to progress past MR Zone II unless screened by an MR Level II Technologist onsite at each clinical setting.

Form Information Reviewed By: _____
Print name
Signature
Title

This form is provided by the JRCERT as a resource for programs. Programs are encouraged to personalize the form prior to use.

Remember: The magnet is always on!