

Magnetic Resonance Imaging (MRI)

Mission Statement, Program Goals & Student Learning Outcomes

The Magnetic Resonance Imaging Program at West Virginia University Hospitals is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT) (www.jrcert.org). The following Mission Statement, Goals, and Student Learning Outcomes are developed in accordance with the 2021 JRCERT Standards for an Accredited Educational Program in Magnetic Resonance. Outcome data, benchmarks and assessment mechanisms are defined in the Program's annual Outcome Assessment Report and on the Program Effectiveness Data form located on the website (<https://wvumedicine.org/healthcare-professionals/education/radtech-program/magnetic-resonance-imaging/>)

Mission Statement

The mission of the Magnetic Resonance Imaging (MRI) education program at West Virginia University Hospitals is to develop entry-level MRI technologists through comprehensive didactic and clinical education in Magnetic Resonance Imaging and to provide the necessary skills for professional growth and career advancement in the imaging sciences.

Through continued technological advancement and strong commitment to medical education, West Virginia University Hospitals provides the foundation on which students can cultivate and expand their imaging skills in the Magnetic Resonance discipline. As the sole Magnetic Resonance Imaging education program in the state, we are dedicated to serving the needs of the citizens and physicians of West Virginia and the surrounding region.

Program Goals & Student Learning Outcomes

- 1) Students will demonstrate entry-level clinical competence in Magnetic Resonance Imaging.**
 - 1.1 Students will utilize appropriate technical parameters in clinical practice.
 - 1.2 Students will correctly acquire, manipulate, and post-process MR images.
 - 1.3 Students will utilize appropriate MR safety procedures.
- 2) Students will practice effective communication skills.**
 - 2.1 Students will demonstrate effective verbal communication skills.
 - 2.2 Students will demonstrate appropriate written communication skills
- 3) Students will employ critical thinking / problem solving skills.**
 - 3.1 Students will assess patient needs and adapt clinical exams as required.
 - 3.2 Students will describe modifications employed in compensating for exam variables.
- 4) Students will exhibit professionalism.**
 - 4.1 Students will demonstrate responsibility to the imaging profession.
 - 4.2 Students will participate in professional development activities.