

MRI Program Outcomes/Objectives

Upon successful completion of the MRI program, students will be able to:

- Demonstrate clinical competence consistent with entry level MRI technologist professionals
 - Identify contraindicated items that pose a hazard in the MRI environment
 - Position patients to demonstrate the desired anatomy using body landmarks and scanner controls
 - Select appropriate protocol and scan parameters, modifying as needed to produce diagnostic imaging scans
 - Utilize appropriate safety methods and restrictions to zones III and IV in MRI
 - Correctly identify anatomy and pathology on the image
 - Critique images for diagnostic quality and know how to correct the image
- Exercise critical thinking skills
 - Demonstrate effective communication and interpersonal skills between patients, family, and health care personnel to achieve a complete and accurate screening form on every individual entering zone IV of the MRI suite
 - Evaluate the patient appropriately for use contrast media administration, identifying any contraindications
 - Identify a contrast media reaction and take proper steps to manage the incident
- Apply patient care and management techniques to ensure confidentiality, safety, comfort, modesty, health, and well-being of the patient
 - Demonstrate how to properly manage a medical, fire, and psychiatric emergency in the MRI scan room
 - Utilize special precautions that must be taken when scanning a patient that is sedated, anesthetized, or unconscious
- Adhere to ethical and legal standards of Magnetic Resonance Imaging practice
 - Summarize their professional obligations upon gaining certification in MRI
 - Deliver patient care in a non-biased approach
 - Demonstrate behavior that is reflective of the ASRT Professional Code of Ethics