ISMRT | INTERNATIONAL SOCIETY FOR MR RADIOGRAPHERS & TECHNOLOGISTS A SECTION OF THE INTERNATIONAL SOCIETY FOR MAGNETIC RESONANCE IN MEDICINE (ISMRM)



Keeping Safe in MRI

Screening for MRI

Comprehensive Screening Form
Thorough Patient Interview & Evaluation
No Street Clothes or Shoes on Patients



Magnetic Field (B_0)

Make No Assumptions → Ask Questions
Assess Metal → No Projectiles & No Torque
"MR Safe" or "MR Conditional" → Identify & Comply



Acoustic Protection & Monitoring

Hearing Protection → Always Squeeze Bulb Provided → Always Constant Visual & Audio Monitoring → Always



RF Field (B₁)

No Loops in Cables or Anatomy Assess Metal → No Heating & No Burns Separate & Insulate Anatomy, Bore Walls & Cables



Trained & Educated

MRI Safety Training for MRI Staff & MDs Annual Training for Nursing & Ancillary Staff Policies Set by Departmental MRI Safety Committee

