



Department of Anesthesia

Title:

MRI Safety

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POLICY:

All members of the Department of Anesthesia will be familiar with the procedures necessary to ensure the safety of both patients and personnel.

PROCEDURES:

1. Radiology will staff a control desk so that access is controlled
2. Zone of safety, as marked by Radiology is to be respected
3. Ferromagnetic gas cylinders should NOT be brought into the MRI suite. Special aluminum cylinders are to be used on the anesthesia machine and elsewhere. Ferromagnetic fire extinguishers should not be outside in the Zone of Safety.
4. All ferrous metal should be removed from one's person:
 - a. Pagers
 - b. Metallic stethoscope heads
 - c. Id badges
 - d. Safety pins
 - e. Mechanical Watches (not digital)
 - f. Scissors
5. Monitoring is installed in the MRI and is capable of reading:
 - a. Blood pressure
 - b. Pulse
 - c. SpO₂
 - d. EKG
 - e. Esophageal temp probes should NOT be used
6. The anesthesia machine will be one specifically designed and built for use in the MRI suite. Only aluminum tanks should be affixed to the machine
7. DO NOT use IV pumps in the MRI room
8. DO NOT use traditional (ferromagnetic) laryngoscope or clipboard
9. DO NOT attempt resuscitations in the MRI room. Move patient on stretcher to a position outside of the room

Russell T. Wall, MD
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