

Education Update

Department Safety Issues

Housekeeping/Maintenance

- ◆ Do not enter the room unless directed to do so by MRI personnel.

Transporters

- ◆ Always bring patient to the reception area.

Never enter the MRI room with the patient.

Respiratory Therapists

- ◆ Oxygen tanks are not permitted in the MRI area.
- ◆ The MRI room has wall oxygen and suction built in.

Nursing/Emergency Room Staff

- ◆ Heart monitors and/or immobilizers are not permitted in the MRI scanner room.

REMEMBER!

The MRI machine never shuts down.

It always presents a hazardous work area.

Revised: bw 5/09

MRI Safety

What is an MRI?

- ◆ A painless radiology technique
- ◆ Avoids x-ray radiation exposure
- ◆ Has no known side effects
- ◆ Precise accuracy in detecting structural abnormalities of the body

MRI Precautions

- ◆ The following can significantly distort the MRI image
 - ◆ Metallic Clips
 - ◆ Surgical Clips
 - ◆ Foreign materials (artificial joints, metallic bone plates, prosthetic devices)

MRI Restrictions

- ◆ People with the following CANNOT be scanned or enter the scan room
 - ◆ Heart pacemakers
 - ◆ Metal implants
 - ◆ Metal chips or clips in or around the eyeballs
 - ◆ Artificial heart valves
 - ◆ Metallic ear implants
 - ◆ Bullet fragments
 - ◆ Chemotherapy or insulin pumps

MRI Related Incidents

Over the last decade, the following objects have crashed into or been pulled into the chamber of the MRI systems, causing patient injuries:

- | | | |
|-------------------|----------------|-------------------|
| -Oxygen cylinders | -A ladder | -Floor buffer |
| -IV poles | -Mop bucket | -Pulse oximeter |
| -Laundry cart | -Scissors | -Traction weights |
| -A chair | -Light fixture | -Patient lift |

THE MRI MACHINE

***NO ONE IS ALLOWED
SCANNER ROOM***

BEEN SCREENED BY



NEVER SHUTS DOWN!

***TO ENTER THE MRI
UNLESS THEY HAVE
MRI PERSONNEL.***

ABSOLUTELY NO EXCEPTIONS!