

## **New Safety Definitions for MRI as Defined by International Standard F2503-13**

### **MR SAFE:-**



An item that poses no known hazards resulting from exposure to any MR environment. MR SAFE items are composed of materials that are electrically nonconductive, non-metallic, and nonmagnetic.

### **MR CONDITIONAL:-**

An item with demonstrated safety in the MR environment within defined conditions.



At a minimum, address the conditions of the static magnetic field, the switched gradient magnetic field and the radiofrequency fields. Additional conditions, including specific configurations of the item, may be required.

Supplementary marking – additional information that, in association with marking as “MR CONDITIONAL,” states via additional language the conditions in which an item can be used safely within the MR environment.

### **MR UNSAFE:-**



An item which poses unacceptable risks to the patient, medical staff or other persons within the MR environment.