

# BAMRR MRI Safety Week 2025



## What is MRI Safety Week?

This week includes the anniversary of the tragic accident that resulted in the death of six-year-old Michael Colombini from a projectile incident (oxygen cylinder) during an MRI scan in America... July 27<sup>th</sup>, 2001.

<https://abcnews.go.com/US/story?id=92745&page=1>

To commemorate this, BAMRR will be producing safety and educational materials and collaborating with the British Institute of Radiology (BIR), International Society for MR Radiographers & Technologists (ISMRT) and the Society and College of Radiographers (SCoR) in sharing links.

## What is BAMRR focusing on for MR Safety Week 2025?



This year for MRI Safety Week, we would like to focus on '**Alarms and Emergency scenarios**'

Each day, BAMRR will discuss components of an emergency- check our website daily....

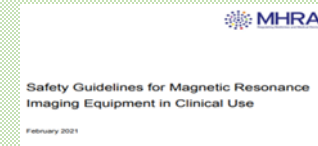
BAMRR would especially like to thank **e-learning for Healthcare** (elfh) for their permission to reproduce materials from the MR safety course and would encourage you to visit their website and undertake the MRI training sessions. <https://www.e-lfh.org.uk/programmes/mri-safety/>

The SCoR and BAMRR recommend that 'appropriate local emergency procedures should be in place and adequate training included regarding departmental emergency procedures for all staff working in a clinical or clinical support role in MR units'.

<https://www.sor.org/learning-advice/professional-body-guidance-and-publications/documents-and-publications/policy-guidance-document-library/safety-in-magnetic-resonance-imaging>

According to the MHRA guidelines

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/958486/MRI\\_guidance\\_2021-4-03c.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/958486/MRI_guidance_2021-4-03c.pdf)



'An emergency can relate to the well-being of patients and volunteers being scanned, to an environmental emergency such as a fire or a threat to a member of staff.

Careful consideration must be given to setting up the correct form of training for the specialist staff involved in any form of emergency which needs their entry into the MR controlled access area, and the necessary liaison with the appropriate groups both within and outside the establishment.

These procedures should be reviewed and audited at regular periods.

Procedures should be well known and understood by all MR authorised personnel and practised from time to time'

**These systems all help us to 'keep patients and staff safe'**

Over the next few days, we will be discussing:

- Quench
- System monitoring and alarms
- Projectile incident, power outage and fire
- Flood, RF door failure and cardiac arrest
- Importance of simulation/scenario training

Finally, in any incident/adverse event or potential for adverse event, always notify your Lead MR Radiographer, MR Safety Expert (MRSE), MR Responsible person and record details in your incident reporting system (Datix, Radar etc)



BAMRR are also pleased to direct you to what BIR and ISMRT and SCoR have produced for MR Safety Week

<https://bir.org.uk/get-involved/special-interest-groups/bir-magnetic-resonance.aspx>

<https://www.ismrm.org/mr-safety-links/mr-safety-week-2025/>

<https://www.sor.org/>

Materials from MR Safety Week from previous years are available on the BAMRR website

<https://www.bamrr.org/safety/>