

# MR SAFETY AWARENESS

## Incident Reporting

MR incidents are widely underreported across Europe <sup>1,2</sup>

Do you know which incidents you should report internally?

Do you know which incidents you should also report to the MHRA?

Do you know the system that you use at your site to report an incident?

## Examples of MHRA Reportable Incidents

..that result in or might result in harm to the patient or the users of the equipment:

⚠ **Adverse Incidents**

⚠ **Major artefacts**

⚠ **Defective medicines**

⚠ **Adverse drug reactions**

*List of adverse incidents\**

- Burns and overheating
- Projectile incidents
- Change of device function as a result of MR exposure
- Mechanical failures
- Cryogen and quench issues
- Contrast injector failures
- Noise issues

## Reporting an incident

Follow your local rules, policies or procedures for how to report incidents locally. To report an incident to the **MHRA** use the "**yellow card**" online system accessed via:

[www.yellowcard@mhra.gov.uk](mailto:www.yellowcard@mhra.gov.uk)

 **Yellow Card**

### References

- [1] Kihlberg J, Hansson B, Hall A, Tisell A, Lundberg P. Magnetic resonance imaging incidents are severely underreported: a finding in a multicentre interview survey. *European radiology*. 2022 Jan;32(1):477-88.
- [2] Hudson D, Jones AP. A 3-year review of MRI safety incidents within a UK independent sector provider of diagnostic services. *BJR Open*. 2018 Nov 14;1.
- [3] Medicines and Healthcare Products Regulatory Agency. *Safety Guidelines for Magnetic Resonance Imaging Equipment in Clinical Use*. 2021 Feb.



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