

New educational resources for MR safety

1) MRI safety e-learning.

A multi-professional working group in partnership with Health Education England (HEE) e-learning for Healthcare (elfh) has developed various MRI safety e-learning courses, all of which are freely available to anyone with an NHS or .ac.uk email address on the HEE elfh hub at <https://www.e-lfh.org.uk/programmes/mri-safety/>.

Access is also available to others at a small cost via elfh's eIntegrity platform, <https://www.eintegrity.org/news/eintegrity-launches-new-mri-safety-programme.html>

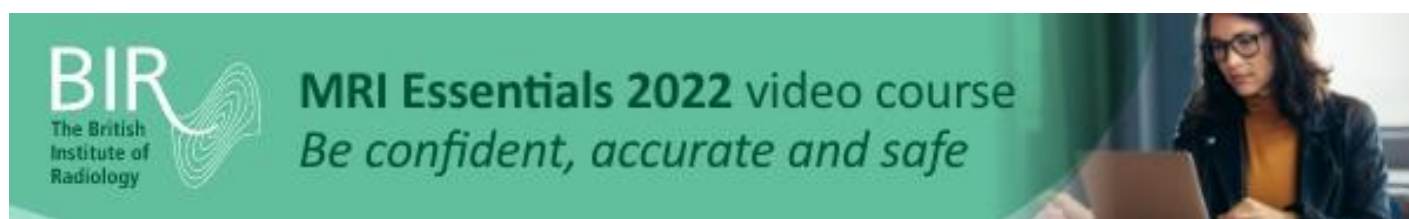
These MRI safety courses are tailored to 5 different MR safety roles defined in the MHRA guidelines for MRI safety.

- MR Authorised Persons (Non-MR Environment)
- MR Authorised Persons (MR Environment)
- MR Authorised Persons (Supervisor)
- MRI clinicians
- Referrers

The e-learning is developed to present well on portable devices as well as computers. There are frequency knowledge checks to help people assess their learning.

For sites who are interested in linking their local learning management systems to this MRI safety e-learning on elfh, further information about how to go about doing this is available at <https://portal.e-lfh.org.uk/home/aiccreport>.

2) MRI essentials 2022



MRI Essentials 2022 is a BIR video course which will be launched late Summer 2022 at <https://bir.org.uk/education-and-events/bir-video-courses/mri-essentials-2022.aspx>. It includes elements of MRI safety as part of a broader MRI teaching piece. It's a short course which can be complete in time to suit you, with up to a year to complete the course.

Sections include: Preparing to welcome the patient; the patient journey to the MRI unit; Scanning, Contrast and other medicines used in imaging; Ending the examination, Troubleshooting; Running the MR suite and managing adverse situations.

This will be available to all, with special rates for BIR members.

Fig 1 shows maps of the spatial field gradient around the bore. This shows how steeply the magnetic field changes in gauss per centimetre. We can see that the highest values for the static spatial field gradient are close to the entrance to the bore.

Fig 1 Maps of the spatial field gradient around the bore (courtesy of Dr Emmanuel Kana's Magnet/Vision App)

Knowledge check

Which of the following statements are true?

Choose one or more options, then select Submit.