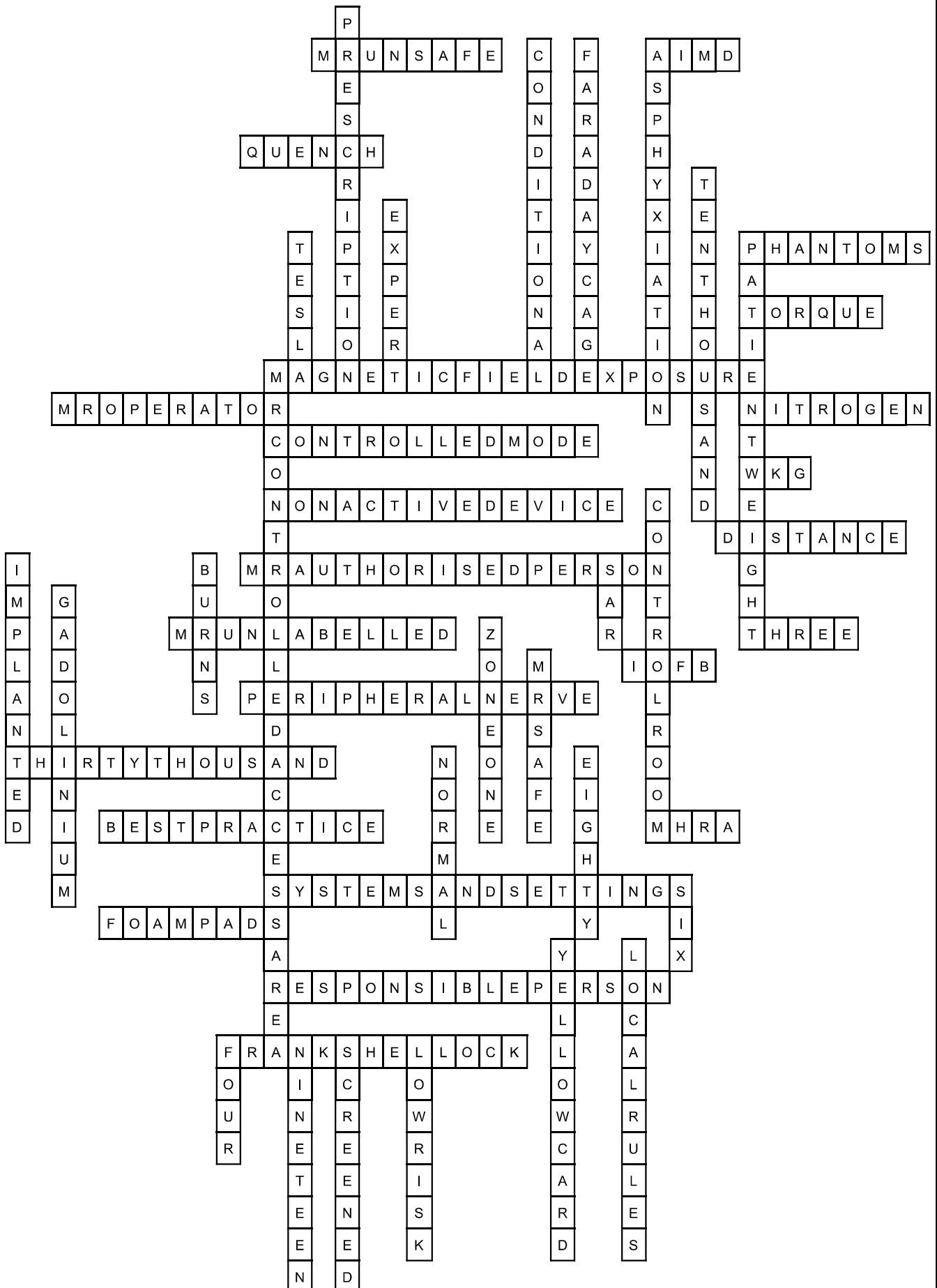


MRI SAFETY WEEK 2023



Across

- 2 If there is an doubt regarding a device then MR personnel should assume the device is.....
- 5 A programmable hydrocephalous shunt is an example of what?
- 6 Superconductive magnets may lose field strength abruptly
- 10 Departments need a COSHH risk assessment for these
- 11 Where ferromagnetic objects try to align along magnetic field changes
- 12 The safety zones correspond to levels of increasing what?
- 13 Title given to MR Authorised person who is entitled to operate MRI equipment
- 14 As well as liquid Helium, what other coolant has been used historically as a cooling agent for superconductive magnets?
- 15 This level is defined as one where certain imaging parameters may cause physiologic stress to body
- 16 Units for Specific Absorption Rate
- 17 An aneurysm clip is an example of what?
- 19 Spatial field gradient is the rate that the magnetic field changes with what?
- 22 A suitably trained member of staff authorised to have access to the MR Controlled Access Area
- 25 An item without an MR safe, conditional or unsafe label
- 27 How many modes of operation are there?
- 29 Acronym of intra-orbital foreign body
- 30 At low frequencies induced currents can produce this kind of stimulation in the body
- 31 1 Tesla is how many times more powerful than the Earth's magnetic field
- 34 MRI safety Week is used to promote what?
- 35 The Government body responsible for regulating medicines, medical devices and blood components for transplant.
- 36 During the 'Paused and Checked' procedure what does the S stand for?
- 38 What should be used to insulate patients from cables, the bore and between limbs to prevent burns?
- 41 An individual who has day-to-day safety accountability in the MR centre
- 42 Author of 'The List'

Down

- 1 A patient specific direction is also known as?
- 3 Items that may safely enter the MR scan room only under very specific conditions are known as?
- 4 The conductive enclosure used to shield Zone 4
- 5 As well as cold burns, frost bit and hypothermia what other condition my a person suffer when helium is loose in the MR environment?
- 7 How many Gauss is 1 Tesla?
- 8 The MR Safety Advisor is now known as the MR Safety.....
- 9 The SI unit for measuring magnetic field strength
- 10 when thinking of reducing heating effects what should operators ensure they record accurately?
- 12 What is the locally defined area containing the MR environment called?
- 18 Which room in the MR suite typically falls into Zone 3?
- 20 What does the I stand for in AIMD?
- 21 The most commonly reported MR adverse incidents in England.
- 23 The measure of the amount of power deposited by radiofrequency fields in a certain mass of tissue
- 24 What does the G stand for in GBCA?
- 26 Which Zone in MRI is freely accessible to the general public?
- 28 An item that poses no known hazards resulting from exposure to the MR environment is referred to as?
- 32 The MHRA recommends that pregnant patients are scanned in what mode?
- 33 Hearing protection is used to ensure that noise to the eardrum does not exceed how many decibelsA?
- 37 Patients with implants should not routinely be imaged less than how many weeks post surgery?
- 39 How are adverse drug reactions routinely reported to the MHRA?
- 40 Written safety procedures, work instructions, emergency procedures and operating instructions
- 42 How many safety zones are there in MRI?
- 43 Oxygen levels in Zone 4 should not drop below this percentage
- 44 Before entering the MR environment, all individuals should be
- 45 Dotarem is an example of what sort of GBCA?