

# MR Safety Update – 15<sup>th</sup> October 2025

## Morning Session 1:

Start	Finish	Session 1 Chaired by Mary Finnegan & Maria Yanez Lopez, Imperial College Healthcare NHS Trust & Swansea Bay University Health Board
09:00	09:30	Arrival & Registration
09:30	09:50	Welcome
09:50	10:20	<b>MR Safety guidance in Netherlands for aneurysm clips (national experience)</b> Mark Hofman, Amsterdam University Medical Centre
10:20	10:45	<b>An update from the IPEM GISP Task and Finish Group</b> Sarah Prescott, University Hospitals of North Midlands NHS Trust on behalf of the IPEM GISP Task and Finish Group
10:45	11:05	<b>First Known Case of Tympanic Membrane Perforation Following MRI Without Ear Protection</b> Nigel Davies, University Hospitals Birmingham NHS Foundation Trust <b>Safety of 1.5 T MRI in Patients with External Fixation Devices: Single-Centre Audit</b> Sam Butler, University Hospitals of North Midlands NHS Trust <b>MR Unlabeled CIED Scanning – What We've Learned</b> James Harkin, Manchester NHS Q&A
11:05	11:25	Coffee

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## Morning Session 2:

Session 2 Chaired by Vasia Papoutsaki & Holly Elbert, Barts Health NHS Trust & University Hospitals Bristol and Western NHS Trust

11:25	11:45	<b>U.S. and us: Performing off-label scans based on the MR Conditions from the United States</b> Blair Johnston, NHS Greater Glasgow and Clyde <b>Insights from running a foreign body MR scanning service</b> Judith Kilgallon, The Christie NHS Foundation Trust <b>Implementing MRI-guided laser ablation: An MR Safety Perspective</b> Jane Ansell, King's College Hospital NHS Foundation Trust <b>Q&amp;A</b>
11:45	12:00	<b>The Five Year Evolution of the MRI Pathway for Patients with Cardiac Implanted Electronic Devices (CIEDs)</b> Siwan Evans & Maria Yanez-Lopez, Swansea Bay University Health Board
12:00	12:15	<b>MR department-led post-MR valve setting checks for Codman Certas Plus programmable shunts &amp; MR physics-led pre-MR impedance checks for Nevro neurostimulators</b> Rachael Franklin, The Christie NHS Foundation Trust
12:15	12:30	<b>MR Safety of a Remote Scanning Model: A Six-Month Evaluation of Implementation at a Single NHS Site</b> Rebecca Quest, Imperial College Healthcare NHS Trust
12:30	12:40	<b>Discussion and Q&amp;A</b>
12:40	13:55	<b>Lunch</b>

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## Afternoon Session 3:

Session 3 Chaired by Steve Jackson & Matt Grech-Sollars, The Christie NHS Trust & University College London

12:40	13:55	Lunch
13:55	14:20	<b>An update on the national incident learning system for clinical imaging, MRI and nuclear medicine</b> Niamh Kirk, UKHSA
14:20	14:35	<b>When GISPs Fail: Injury from Displacement of Retained Bone Anchor System Fragment &amp; Lessons from a Burn Incident Involving a MR Conditional Spinal Implant</b> Nigel Davies, University Hospitals Birmingham NHS Foundation Trust
14:35	14:50	<b>Setting up a highly-accurate intraoperative gene therapy delivery MRI service with non MR conditional equipment</b> Enrico De Vita, Great Ormond Street Hospital for Children NHS Foundation Trust
14:50	15:00	Discussion and Q&A
15:00	15:20	Lightning Talks
15:20	15:40	Coffee

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## Afternoon Session 4

### Session 4 Chaired by IPEMs MRSIG

15:20	15:40	Coffee
15:40	16:05	Poster Session
16:05	16:20	<b>AI as a Magnetic Resonance Safety Expert</b> James Thorpe, Nottingham University Hospitals NHS Trust
16:20	16:40	<b>IPEM MRSE Certification - A Word from the Assessors</b> Marco Borri, with other representatives from the assessment panel
16:40	17:00	Discussion and Wrap-up

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## Lightning Talks

A Novel Approach to Reinforcing Safety Culture in MRI: Lessons from MR Safety Week	Ioana Pinzaru	King's College Hospital NHS Foundation Trust
Establishing local ASTM testing for the RF heating of passive implants	Eirin Beese	NHS Greater Glasgow and Clyde
Cerebral Aneurysm Clip Survey	Samantha Telfer	Swansea Bay University Health Board
Risk assessment for scanning paediatric patient with air gun pellet and pellet fragments in head	Damien McHugh	The Christie NHS Foundation Trust
Safe and Effective Use of Handheld Test Magnets	Joe Bradley	The Christie NHS Foundation Trust
Two unintended MR scans of MR Unlabeled ferromagnetic aneurysm clip	Rachael Franklin	The Christie NHS Foundation Trust
Re-audit of MRI Safety Questionnaires Compliance	Yukai Zou	University Hospital Southampton NHS Foundation Trust
“Okay Google, is this implant safe to scan?” – A Study of Using AI to Address MR Safety Queries	Luke Millar	University Hospitals of North Midlands NHS Trust



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## Posters

Title	Author	Institution
MRI Safety Incident During Acceptance Testing – Lessons Learned and Future Mitigations	Alan Bainbridge	Barking Havering and Redbridge University NHS Trust
'Dog Bone' Cranial Plates are not Subject to Unsafe RF Heating, Under Head MRI at Ultra-High Field Strength, in Simulations and Phantom Experiments.	Alan Wright	Guy's and St Thomas' NHS Foundation Trust
Evaluation of stickers for 30 mT fringe field boundary marking: a radiographer survey	Guy Brown	Imperial College Healthcare NHS Trust
Improving engagement of consultant radiologists with the risk vs. benefit assessment of patients who would otherwise be contraindicated for MRI.	Mary Finnegan	Imperial College Healthcare NHS Trust
MR Safety of a Remote Scanning Model: A Six-Month Evaluation of Implementation at a Single NHS Site	Rebecca Quest	Imperial College Healthcare NHS Trust
A Novel Approach to Reinforcing Safety Culture in MRI: Lessons from MR Safety Week	Ioana Pinzaru	King's College Hospital NHS Foundation Trust
Implementing a standardised MR conditions pathway for MR conditional CIED systems	David Broadbent	Leeds Teaching Hospitals NHS Trust
Establishing local ASTM testing for the RF heating of passive implants	Eirin Beese	NHS Greater Glasgow and Clyde
U.S. and us: Performing off-label scans based on the MR Conditions from the United States	Blair Johnston	NHS Greater Glasgow and Clyde
Cerebral Aneurysm Clip Survey	Samantha Telfer	Swansea Bay University Health Board
Automated Risk Assessments for MRI (ARIA) – Enhancing Efficiency in MRI Workflows	Alexander Drysdale	Swansea Bay University Health Board
Risk assessment for scanning paediatric patient with air gun pellet and pellet fragments in head	Damien McHugh	The Christie NHS Foundation Trust
Safe and Effective Use of Handheld Test Magnets	Joe Bradley	The Christie NHS Foundation Trust
Two unintended MR scans of MR Unlabeled ferromagnetic aneurysm clip	Rachael Franklin	The Christie NHS Foundation Trust
Re-audit of MRI Safety Questionnaires Compliance	Yukai Zou	University Hospital Southampton NHS Foundation Trust
Accelerated approach to non-conditional scanning of Hoffmann 3 external fixation devices	Mobeen Ali	University Hospital Southampton NHS Trust
Learning from Recent Projectile Incidents: A Series of Unfortunate Events?	Nigel Davies	University Hospitals Birmingham NHS Foundation Trust
Audit of Internal Implant Query Logs	Cameron Ingham	University Hospitals Bristol and Weston NHS Foundation Trust
Changes to MRI Pillcam Procedure	Cameron Ingham	University Hospitals Bristol and Weston NHS Foundation Trust
Determining Minimal Scan Pause Duration to Mitigate RF-Induced Heating in MRI of Implanted Devices	Alimul Chowdhury	University Hospitals of Leicester NHS Trust
Managing Risk, Urgency, and Staff Nervousness when Scanning Patients with Spinal Rods	Holly Elbert	University Hospitals Bristol and Weston NHS Foundation Trust
"Okay Google, is this implant safe to scan?" – A Study of Using AI Chatbots to Address MR Safety Queries	Luke Millar	University Hospitals of North Midlands NHS Trust