

MR Safety Update

Thursday 16th November 2023 – London Morning

09:45 - 09:50	Welcome & Introductions
	John McLean & Lucy Kershaw

Session 1 - Approaches for Scanning Patients with CIED's Off-Label	
09:50 - 10:20	Hazards of Off-Label Scanning of Abandoned CIED Leads
	Jonathan Edmonson, Medtronic
10:20 - 10:35	Effectively-MR Conditional cardiac implantable electronic devices
	Michael Hutton, The Christie NHS Foundation Trust
10:35 - 10:50	Implementing effectively-MR Conditional CIED scanning: A radiographer's perspective
	John Newton, Blackpool NHS Trust
10:50 - 11:00	Q&A on Off-Label CIED's
11:00 - 11:10	Lightning Talks - Session 1
11:10 - 11:30	Coffee Break

Session 2 - MRI Safety Show and Tell	
11:30 - 12:00	Learning from a Significant Adverse Event
	Gillian MacNaught, NHS Lothian
12:00 - 12:15	Update on clinical imaging national error reporting analysis and learning system
	Yvonne Kinsella, UKHSA
12:15 - 12:30	Significant patient burn due to interaction of a complex sternal closure system and MRI
	Cormac McGrath, Belfast Health and Social Care Trust
12:30 - 12:50	Lightning Talks - Session 2
12:50 - 13:50	Lunch

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Afternoon

Session 3 - Safety Assessments of New Technologies in MRI	
13:50 - 14:05	Variations in SAR and B1+rms with anatomical position on a Siemens Sola MRI scanner Matthew Marzetti, Leeds Teaching Hospitals NHS Trust
14:05 - 14:20	Technical safety assessment of non-CE/UKCA-marked MR pulse sequences Jessica Winfield, Royal Marsden NHS Foundation Trust
14:20 - 14:35	Lightning Talks - Session 3
14:35 - 15:05	Safety of Low Field MR Systems Dr Frank Shellock
15:05 - 15:25	Coffee Break

Session 4 - Patient Implant Safety and Generic Implant Safety Procedures (GISPs)	
15:25 - 15:55	IPEM GISP Working Party Update Sarah Prescott, University Hospitals of North Midlands NHS Trust

GISP short-talks	
15:55 – 16:00	Off-label MRI scans of external fixators: a review of local practice and the literature Alex Goodall, on behalf of Stephen Powell , Sheffield Teaching Hospitals NHS Foundation Trust
16:00 – 16:05	Development of an MRI Generic Implant Safety Procedure (GISP) for eyelid weights Jonathan Ashmore, NHS Highland
16:05 – 16:10	Implant Safety Procedure: MRI scanning of patients with MR Conditional Spinal Cord Stimulators Marianthi-Vasiliki Papoutsaki, Barts Health NHS
16:10 – 16:15	Towards a generic safety policy for scanning patients with Silver Wound Dressing Rosa Sanchez Panchuelo, University Hospitals Birmingham NHS Foundation Trust
16:15 – 16:20	A generic implant safety procedure for managing patients with non-ocular metal fragments Elizabeth Stamou, Guy's and St Thomas's NHS Trust
16:20 - 16:40	Discussion: The Future of Generic Implant Safety Procedures in the UK
16:40	Closing Comments

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Poster Lightning Sessions

Lightning Talks - Session 1	
Caitlin O'Brien, Guy's & St Thomas' NHS Foundation Trust	MR scanning of patients with temporary external pacemakers: Two case studies
Maria Yanez Lopez, Swansea Bay University Health Board	Lessons learned from a 3-year running safety ticketing system (CIED focus)
Alex Goodall, On Behalf of Andrew Fry , Sheffield Teaching Hospitals NHS Foundation Trust	Establishing and growing a service for MRI scanning of Cardiac Implantable Electronic Devices (CIEDs).
Daniel Wilson, On Behalf of David Broadbent , Leeds Teaching Hospitals NHS Trust	A review of off-label MR CIED systems and impact on CIED MRI pathways.

Lightning Talks - Session 2	
Blair Johnston, NHS Greater Glasgow and Clyde	MOSAES – successes (and adverse events)
Daniel Wilson, Leeds Teaching Hospitals NHS Trust	Adverse incident recommendations – projectile and screening incidents.
Emer Kenny, Mater Misericordiae University Hospital	An unusual presentation of an RF burn associated with invasive blood pressure monitoring
Alex Goodall, Sheffield Teaching Hospitals NHS Foundation Trust	Hard to Swallow? - An Audit of Safety Policies Following an Incident Involving a Pill Cam Retained for 5 years
Harry Poole, University Hospitals of North Midlands NHS Trust	Why Are We Waiting? – Balancing MRI Safety Investigations with Achieving the New Cauda Equina Syndrome Guideline Scanning Timeframes

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Poster Lightning Sessions

Lightning Talks - Session 3	
Enrico De Vita, Great Ormond Street Hospital for Children NHS Foundation Trust	Can 3T MRI with a Leksell G-Frame be used for planning stereotactic neurosurgery without introducing significant distortions?
Sarah Bacon, The Leeds Teaching Hospitals Trust	A review of off-label risk assessments and mitigations from 2020 – 2023.
Elisabeth Pickles, Guy's and St Thomas' NHS Foundation Trust	Comparison of B1+rms and whole-body SAR between 1.5 T MRI systems made by the same manufacturer in phantoms and volunteers
Rebecca Stace, NHS Lothian	Mastering Medtronic Visualase Procedure: Practical MR safety considerations for the use of MRI and laser technologies in combination.
Michael Hutton, The Christie NHS Foundation Trust	Off-label scan of a NeuroControl FREEHAND peripheral nerve neurostimulator in a tetraplegic patient
Geoff Charles-Edwards, St Thomas' Hospital	Update on a national MRI safety e-learning programme

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Posters

Nuala Hamill, Belfast Health and Social Care Trust	Safety Benefits of an Advanced Acceleration Technology and an Implant Interface in Scanning a Complex MR Conditional Implant
John McLean, NHS Greater Glasgow and Clyde	Can basic web analytics of an MR safety website tell us anything about the MR safety needs of the MR community?
Blair Johnston, NHS Greater Glasgow and Clyde	Development of an MRI Generic Implant Safety Procedure (GISP) for sternal wires and fixation devices
David Dommett, Southend Hospital NHS Trust	So, about your quench pipe
Judith Kilgallon, The Christie NHS Trust	Audit of MR Unlabelled & Off-Label Risk Assessments
David Adams, Barts Health NHS Trust	A Case Study on the MRI Safety of Fire Extinguishers
Ciara Harrison, St George's University Hospitals NHS Foundation Trust	Safety audit of MRI procedures involving the provision of anaesthesia
Daniel Wilson, on behalf of William Adlard , Leeds Teaching Hospitals NHS Trust	Retrospective Assessment of the Time-Efficiency of GISPs
James Harkin, Christie NHS Trust	Using 3D CT Reconstructions to Widen Access to MR for Patients with Aneurysm Clips