MR Safety Update
Tuesday 14th November 2017, Park Inn Hotel, York

FINAL PROGRAMME

09:00 – 09:25 Coffee and registration
09.25 – 09:30 Introduction
Chair: Lisa Davenport
09:30 – 10.00 Foetal MRI safety
Invited Speaker: Prof Penny Gowland, University of Nottingham
10.00 – 10.15 MHRA Update
Invited Speaker: David Grainger, MHRA
10.15 – 10.35 MR Safety Expert Accreditation
Invited Speaker: Dr Dan Wilson, Leeds Teaching Hospitals NHS Trust
10.35 – 10:50 The Role of the MR Safety Expert: The Italian Perspective
Dr Nicola Pace, University of Trento, Italy
10:50 – 11.20 Coffee and exhibition
Chair: Jennifer Macfarlane
11:20 – 11.35 Challenges of establishing MR safe working practices in a new MR-Linac department
Dr Glyn Coutts, The Christie NHS Foundation Trust
11.35 – 11.50 IPEM Recommended MRI Safety Notices
Invited Speaker: Dr Cormac McGrath, Belfast Health & Social Care Trust
11.50 – 12.05 Experimental assessment of MRI-induced temperature change and SAR distributions in phantoms
James Blackwell, National University of Ireland Galway
12.05 – 12.20 Feasibility of MRI Acoustic Noise Measurements
Dr Ian Cavin, NHS Lothian
12.20 – 12.50 Interactive session
12.50 – 13.50 Lunch and exhibition
Chair: John Thornton
13.50 – 14.15 Gadolinium retention
Invited Speaker: Dr Nigel Hoggard, Royal Hallamshire Hospital, Sheffield
14.15 – 14.30 T1 Dentate Nucleus Signal Intensity Following Multiple Gadoteric acid (Dotarem®)-Enhanced MRI vs Multiple Non-Contrast MRI
Laura Young, University of Dundee
14.30 – 14.50 IPEM working party on Blanket policies for scanning implants
Invited Speaker: Dr Jonathan Ashmore, NHS Highland
14.50 – 15.05 Compiling and disseminating generalised MRI implant safety policies for the real world
Dr John McLean, NHS Greater Glasgow & Clyde
15.05 – 15.35 Coffee and exhibition
Chair: Stephanie Withey
15.35 – 15.50 Scanwise implant – an approach to addressing the issues of safe MR scanning implants
Dr Matthew Clemence, Philips Healthcare
15:50 – 16.05 Neurological MRI protocols for patients with DBS equipment in situ consistent with new B1+rms - limited MR Conditional product label
Annie Papadaki, National Hospital for Neurology and Neurosurgery, University College London
16.05 – 16.20 Off-Label Magnetic Resonance Imaging of an InterStim II Sacral Nerve Stimulator Device
Andrew Fry, Sheffield Teaching Hospitals NHS Foundation Trust
16.20 – 16.35 Comparison of MRI Screening Policies for Metallic Intra-Orbital Foreign Bodies
Theodore Barfoot, King’s College Hospital NHS Foundation Trust
16.35 – 16.50 Performing MRI Scans on Cochlear Implant and Auditory Brainstem Implant Recipients - 13 Year Review
Yu-Chuen Tam, Addenbrooke’s Hospital
16.50 – 17.05 Q&A & Prizes
17.05 Close

Organised by IPEM’s Magnetic Resonance Special Interest Group
1 MRI-related magnetic field exposures and risk of commuting accidents and abnormal uterine bleeding – a cross-sectional survey among Dutch imaging technicians
   Anke Huss, Utrecht University, The Netherlands

2 Assessment of Noise Levels Outside the MR Environment: A Preliminary Investigation
   Rebecca Jennings, ABMU Health Board and Swansea University

3 Implantable medical devices in MRI: the serious risks of using out-of-date MR safety information
   Dr Aaron McCann, Belfast Health & Social Care Trust

4 IPEM Recommended MRI Safety Notices
   Dr Cormac McGrath, Belfast Health & Social Care Trust

5 The Role of the MR Safety Expert: The Italian Perspective
   Dr Nicola Pace, University of Trento, Italy

6 Something to get your heart racing: Scanning of MRI Conditional Active Cardiac Devices
   Harry Poole, Royal Stoke University Hospital

7 A Review of Auditory Implants and MRI Safety
   Yu-Chuen Tam, Addenbrooke’s Hospital

8 Audit of MR Safety Queries to an MR Physics Team in a Large Tertiary NHS Trust
   David Broadbent, Leeds Teaching Hospitals NHS Trust

Organised by IPEM’s Magnetic Resonance Special Interest Group