

Online MRI Safety First! 2024

DAY 1

8.30	Registration – Log into Zoom.
09.00	Welcome and introduction Denise Newsom, Eden Learning
9.30	Fields and Forces -The physics of MR safety Dr Donald McRobbie Author of Essentials of MRI Safety, co-author of MRI from Picture to Proton
10.30	Acoustic noise: David Price, Principal MR Physicist GSTT NHS Trust Including discussion
11.15	Break
11.45	Controlling SAR and B1+rms : Dr Donald McRobbie
12.30	Exercise- Controlling SAR and B1+rms
13.00	LUNCH
13.45	Passive Implants – How do I know my implant is safe? Understanding Spatial Magnetic Field Gradient, Denise Newsom, Eden learning
14.15	Passive Implants exercise
14.45	Break
15.05	MRI Contrast Agents including discussion Annie Papadaki, Clinical Scientist, National Hospital for UCLH, MRSE
16.00	Pregnancy and MRI: Denise Newsom, Eden Learning
16.30	Close and Thanks

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Day 2

08.30	Log in
09.00	Bio-effects - Static Field Dr Donald McRobbie
09.20	Bio-effects - Time varying magnetic fields Dr Donald McRobbie
09.40	Bio-effects – Radiofrequency Dr Donald McRobbie
10.00	Discussion -Q&A
10.15	Break
10.35	MRI of active devices and conditional pacemakers (pacemaker, DBS etc) Annie Papadaki, Clinical Scientist, National Hospital for UCLH
11.20	Active Devices – exercise AP/DMcR/DN
11.50	MRI Safety Governance - Setting up and managing an MRI department Denise Newsom, Eden Learning
12.30	LUNCH
13.15	Scanning patients with implanted devices WITHOUT the device manufacturer’s assurance of MRI safety Geoff Charles, Edwards, Consultant Clinical Scientist, Guys and St Thomas’
14.00	Discussion on scanning implanted devices Q&A
14.10	Break
14.10	MRI Safety forum Discussion on implants and any MR safety issues submitted by delegates Denise Newsom, Annie Papadaki
15.10	Hot Topics, Q&A and review of course Denise Newsom
16.00	Close and Thanks