

Online MRI Safety First! 2023

DAY 1 Weds 10 May 2023

8.30	Registration – Log into Zoom
09.00	Welcome and introduction Denise Newsom, Eden Learning
09.15	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
10.15	Acoustic noise: David Price, Principal MR Physicist GSTT NHS Trust Including discussion
11.00	Break
11.20	Controlling SAR and B1+rms : Dr Donald McRobbie
12.05	Exercise- Controlling SAR and B1+rms Including discussion
12.30	LUNCH
13.15	Passive Implants – How do I know my implant is safe? Understanding Spatial Magnetic Field Gradient, Denise Newsom, Eden learning
13.45	Passive Implants exercise including discussion
14.15	Break
14.30	MRI Contrast Agents including discussion Annie Papadaki, Clinical Scientist, National Hospital for UCLH
15.20	Pregnancy and MRI: Denise Newsom, Eden Learning
15.55	Discussion -Q&A
16.00	Close and Thanks

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Day 2 Thursday 11 May 2023

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