

Online MRI Safety First! 2020

DAY 1

7.30	Registration – Log into Zoom
8.00	Welcome and introduction Denise Newsom, Eden Learning
08.10	Fields and Forces -The physics of MR safety Dr Donald McRobbie Author of Essentials of MRI Safety and co-author of MRI from Picture to Proton
08.40	(5 mins set up time)
08.45	Acoustic noise: David Price, Principal MR Physicist GSTT NHS Trust
09.10	Discussion
09.20	Break
09.40	Controlling SAR and B1+rms : Dr Donald McRobbie
10.00	Exercise- Controlling SAR and B1+rms
10.20	Discussion -Q&A
10.40	Passive Implants – How do I know my implant is safe? Understanding Spatial Magnetic Field Gradient, Denise Newsom, Eden learning
11.10	Passive Implants exercise
11.20	Discussion -Q&A
11.30	Break
11.50	Q&A with Dr Donald McRobbie
12.00	Pregnancy and MRI: Denise Newsom, Eden Learning
12.20	Discussion -Q&A
12.30	MRI Contrast Agents Annie Papadaki, Clinical Scientist, National Hospital for UCLH
12.50	Discussion -Q&A
13.00	Close and Thanks

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Day 2

0730	Log in
08.00	Bio-effects - Static Field Dr Donald McRobbie
08.20	Discussion -Q&A
08.30	Bio-effects – Time varying magnetic fields Dr Donald McRobbie
08.50	Discussion -Q&A
09.00	Break
09.20	MRI of active devices and conditional pacemakers (pacemaker, DBS etc) Annie Papadaki, Clinical Scientist, National Hospital for UCLH
09.50	Active Devices – exercise AP/DMcR/DN
10.10	Discussion -Q&A
10.20	Break
10.40	MRI Safety Governance - Setting up and managing an MRI department Denise Newsom, Eden Learning
11.00	Discussion -Q&A
	(5 mins to set up time)
11.15	Scanning patients with implanted devices WITHOUT the device manufacturer’s assurance of MRI safety Geoff Charles, Edwards, Consultant Clinical Scientist, Guys and St Thomas’
11.35	Discussion - Q&A
11.45	Q&A with Donald McRobbie
12.00	Break
12.15	MRI Safety forum Discussion on implants and any MR safety issues submitted by delegates Denise Newsom, Annie Papadaki
12.45	Hot Topics and review of course Denise Newsom
13.00	Close and Thanks