

# MR Safety First, 2018

09.00	<b>Registration</b>
9.15	<b>Welcome and introduction</b> Denise Newsom, Eden Learning
09.30	<b>MR Hardware – will it ever stop?</b> Dr Donald McRobbie, Co author of MRI, Picture to Proton
10.00	<b><i>MR Safety: Bio-effects</i></b> <b>Static field:</b> Dr Donald McRobbie
10.45	<b>Break</b>
11.15	<b>Gradients:</b> Dr Donald McRobbie, Co author of MRI, Picture to Proton
12.00	<b>Acoustic noise:</b> David Price, Principal MR Physicist GSTT NHS Trust
12.30	<b>Lunch</b>
13.30	<b><i>Practical Safety</i></b> <b>Passive implants</b> <b>MRI Safety sign off, Spatial Magnetic Field Gradient</b> Denise Newsom, Eden Learning
14.30	Passive Implants - Exercise
15.15	<b>Break</b>
15.45	<b>Pregnancy and MRI:</b> Denise Newsom, Eden Learning
16.15	<b>MRI safety quiz</b>
17.00	<b>Close and Thanks</b>

Thursday 6<sup>th</sup> September 2018

# MR Safety First, 2018

09.00	<b>Coffee</b>
9.15	<b>Review of day 1 and introduction to day 2</b>
9.30	<b>RF and Patient exposure limits, controlling SAR</b> Dr Donald McRobbie
10.00	<b>Scanning patients with implanted devices WITHOUT the device manufacturer's assurance of MRI safety</b> Geoff Charles, Edwards, Consultant Clinical Scientist, Guys and St Thomas'
10.45	<b>Break</b>
11.15	<b>MRI of active devices and conditional pacemakers (pacemaker, DBS etc)</b> Annie Papadaki, Clinical Scientist, National Hospital for UCLH
12.00	<b>Active Devices – Practical session</b> 30 mins plus 15 mins discussion AP/DMcR/DN
12.30	<b>MR Contrast Agents – Phil Skinner, Bracco</b>
13.00	<b>Lunch</b>
14.00	<b>Clinical sessions</b> <b>MRI Safety Governance/ Setting up/Managing an MRI department</b> MR safety governance /MRI Safety Framework MRI Safety policies/procedures/responsibilities MRI Safety Updates/Education and development/Physics support DN
15.00	<b>MRI Safety forum</b> Discussion on implants, IOFB and any MR safety issues Denise Newsom, Donald McRobbie, Annie Papadaki
15.15	<b>Break included in above</b>
16.00	<b>Hot Topics and review of course</b> Denise Newsom
16.30	<b>Results of Quiz</b>
16.45	<b>Close and Thanks</b>

Friday 7<sup>th</sup> September 2018