

# MRI The Inside Story

## 12-14 September 2023

7:30	Day 1 – Log into Zoom
8:00	<b>Welcome and introduction</b>
08:15	<b>Basic physics: what you need to know</b> Dr Donald McRobbie, co-author of MRI from Picture to Proton
09:00	Break
09.30	<b>Spaced out: Image Formation</b> Dr Donald McRobbie
10:15	<b>Image artefacts exercise</b>
10.45	<b>Improving your image: how to avoid artefacts</b> Dr D McRobbie
11:15	Break
12.15	<b>Clinical Applications – MSK Upper limb</b> Dr Karen Partington, Consultant Musculoskeletal Radiologist Oxford University Hospitals NHS Trust
13:10	5 min break
13.15	<b>Clinical Applications – MSK Lower limb</b> Dr Karen Partington, Consultant Musculoskeletal Radiologist Oxford University Hospitals NHS Trust
14:30	<b>Review of the day</b>
14.45	Close

**Day 1 – Tues 12 September 2023**

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## 12-14 September 2023

07.30	Day 2 – Log into Zoom	
08:00	CPD review of day 1	
8:15	<b>Acronyms anonymous: the pulse sequence jungle 1 – Spin Echo</b> Dr Donald McRobbie <b>(with exercise)</b>	
09:30	Break	
10.00	<b>k-Space: the final frontier</b>	Dr Donald McRobbie
10:45	<b>What you set is what you get. Image optimisation + exercise</b> Dr Donald McRobbie	
12.00	Lunch	
12.45	<b>Clinical Applications – DWI made easy</b> including Q&A Denise Newsom, Eden learning	
13.45	5 min comfort break	
13:50	<b>Does size matter - 1.5T v 3T imaging</b> Denise Newsom, Eden learning	
14:30	Discussion on DWI and 3T imaging <b>Review of the day</b>	
14.45	Close	

**Day 2 – Weds 13<sup>th</sup> September 2023**

# MRI The Inside Story

## 12-14 September 2023

07.30	Day 3 – Log into Zoom	
07:45	CPD review of day 2	
08.00	<b>Review of image optimisation</b>	
08:15	<b>Deeper into the pulse sequence jungle 2 – Gradient echo</b> Dr Donald McRobbie <b>(with exercise)</b>	
09.30	Break	
10.00	<b>Water and Fat Imaging</b>	Dr Donald McRobbie
10:30	<b>The Parallel Universe: Parallel Imaging</b> Dr Donald McRobbie	
11.10	<b>Go with the flow: principles of MR angiography</b> Dr Donald McRobbie, co author of MRI Picture to Proton	
11.40	<b>Review of three days - Technical</b>	
12:00	Lunch	
12:45	Post course information - CPD	
13.00	<b>Neuro MRI review, anatomy, technique and reporting – Part I</b> Christine Heales, Senior Lecturer, Exeter University	
13:45	Break	
14:00	<b>Neuro MRI review, anatomy, technique and reporting – Part II</b> Christine Heales, Senior Lecturer, Exeter University	
14.45	<b>Discussion and review of the course</b>	

**Day 3 – Thurs 14<sup>th</sup> September 2023**