

MRI The Inside Story – Basic level

8.30	Registration – Log into Zoom. DAY 1
9.00	Welcome and Introduction
9.15	Never mind the buzzwords Dr Donald McRobbie Co-Author MRI Picture to Proton
9.45	Kit and Kaboodle – Introduction to MRI Equipment
10.15	Break
10:35	Lost in the pulse sequence jungle? Introduction to sequences Dr Donald McRobbie
11.20	Discussion + short break
11.30	MRI Safety and Patient Management Denise Newsom, Eden Learning To include exercise/poll and discussion
12.30	Lunch
13.15	Clinical Applications – Brain Anatomy exercise Denise Newsom
13.45	Clinical Applications – Brain Technique, pathology and top tips Christine Heales, Senior Lecturer, Exeter University
14.45	Discussion on Brain MRI and protocols
15.00	Review and Close

MRI The Inside Story – Basic level

8.30	Log into Zoom	DAY 2
9.00	Introduction to T1 and T2 relaxation DMcR	
9.30	Acronyms anonymous: Introduction to Spin Echo Dr Donald McRobbie. To include discussion and exercise	
10.40	Break and Image Artefacts Exercise to complete	
11.15	Improving your image: how to avoid artefacts Dr Donald McRobbie	
11.45	Pixels and parameters; basic optimisation including exercise Dr Donald McRobbie	
12.45	Lunch	
13:30	Clinical Applications – Spine Imaging Exercise – Spine anatomy Denise Newsom	
14.00	Clinical Applications – Spine Imaging Christine Heales, Senior Lecturer, Exeter University	
14.45	Image Viewing and pathologies	
15.00	Review of the day	
15.15	Close	

MRI The Inside Story – Basic level

8.30	Log into Zoom	DAY 3
9.00	Review of Image optimisation from day 2. DMcR	
9.45	Spaced out: How the image is formed (made quite easy) DMcR To include discussion	
10.30	Break	
10.50	Introduction to k-Space: the final frontier Dr Donald McRobbie	
11.35	Acronyms anonymous: Introduction to Gradient Echo Dr Donald McRobbie.	
12.20	Review of three days - Technical	
12.30	Break	
13.15	CPD update. Discussion on certificates and access to talks	
13.30	Clinical MRI Applications – MSK General overview DN	
14.00	Clinical Applications – MRI of the knee and shoulder DN Technique, pathology and image viewing	
14:45	Basic MRI Protocols discussion: Denise Newsom	
15:00	Review of the course and close	