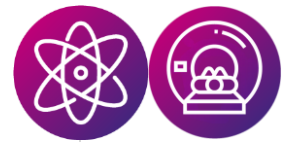
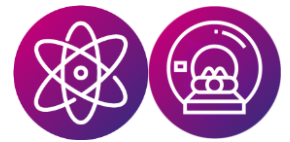


Minimum Service Standards for MRI Physics Contracts

		Core for all sites	Desirable for all sites	Site dependent (not required for all sites)
MRSE	Support risk assessments	X		
	Advise on compliance with EMF regulations, MHRA safety guidelines and other relevant regulations e.g. Control of Noise at Work regulations.	X		
	Advise on design of new facilities	X		
	Annual audit of facilities for compliance with safety guidelines	X		
	Advise on individual implant safety	X		
	Supervision of scans with complex implants			X
	Advise on protocols for generic implants	X		
	Assist with writing and reviewing local rules	X		
	Advise on MR incidents	X		
	Attend MRI Safety Committee meetings	X		
	Audit all above & Report to Radiation Safety Group / Radiation Protection Committee	X		
QA	Acceptance test	X		
	Annual QC	X		
	Specialist QC (e.g. quantitative diffusion, spectroscopy etc)			X
	Advise on user level testing (e.g. individual coil QA)		X	
	Responsive QA		X	
Training	Post repair advice	X		
	Safety		X	
	Basic MRI Physics (e.g. image weightings, basic parameters)		X	
Clinical	Advanced MRI Physics (e.g. advanced imaging sequences)		X	
	Supervision of complex scans e.g. fMRI, DTI, Spectro, artefact reduction etc			X
	Image processing of complex scans e.g. fMRI, DTI etc			X



	Optimisation of protocols		X	
	Advise re artefacts (e.g. queries from radiologists about images they are reporting)		X	
	Assist with Acceleration set-up		X	
	Advise on equipment selection and evaluation for procurement		X	
Research	Trial approval			X
	Trial specific QA and dummy scans.			X
	Conducting research		X	



Appendix 1: Document management

Name	Minimum Service Standards for MRI Physics Contracts
Version Number	V1
Date Adopted	19/11/2024
Review Date	1 year
Approved By	MRI SIG 12/09/24, MPSIG 17/09/24, Operational Board 19/11/24
Target Audience	MRI service managers/procurement, MRI physicists

Version History

Version	Date Adopted	Summary of Amendments	Name	Title
V1	19/11/24	Approved document following review of survey results	Sarah Prescott	MRI SIG Chair

Document Control:

The controlled copy of this document is kept within the West Midlands Imaging Network files. Copies of this document held outside of that area, will be viewed as removed from formal change control.