

IPEM MR Safety Expert Online Course 2025

Monday 24th March – Friday 28th March 2025 – Online

Day One

Mon 24th March Introduction
 Legislation and Guidance
 Roles and Responsibilities
 Basic Physics
 B0, B1, SAR, SAR Modelling, RF
 Shimming

Day Two

Tues 25th March SAR reduction, gradients and acoustic
 noise
 Interaction of EM Fields with the
 Human Body

Day Three

Weds 26th March Bioeffects of B0/ Pregnancy effects
 B0 Implants

Day Four

Thurs 27th March RF Implants
 Gradients and implants
 Off-label scanning of implants

Day Five

Fri 28th March Safety Frameworks
 Screening, specialist procedures and
 contrast agents
 Site planning and cryogenics