



An interactive e-learning resource supporting the training required to ensure the safety of patients undergoing medical exposures to ionising radiations

e-IRMER is a joint project between the Institute of Physics and Engineering in Medicine (IPEM) and e-Learning for Healthcare, to provide an e-learning resource for NHS staff involved in the medical exposure of patients to ionising radiation.



e-IRMER uses an e-learning approach to satisfy the core training required under the Ionising Radiation (Medical Exposure) Regulations 2000 (Amended 2006) (IR(ME)R). The principal groups that require this training are practitioners, operators and referrers who are involved in the use of ionising radiation for the diagnosis and treatment of patients.

e-IRMER comprises a comprehensive interactive training programme of e-learning modules to provide non-medical state registered health professionals (e.g. nurses) who wish to act as referrers for diagnostic x-rays with the underpinning knowledge and understanding expected of referrers. It will also provide the core underpinning theory required under IR(ME)R for operators and practitioners working with diagnostic x-rays.

The e-IRMER resource will be designed so that it may be used in conjunction with other existing training programmes to meet the educational requirements of IR(ME)R to a consistent and high quality.

e-IRMER is intended to both enhance, and provide an alternative to, existing mechanisms of delivering this training. Trainers will be able to use modules to fill in gaps in knowledge and to support assessment. Trainees will also be able to undergo the e-IRMER training independently, record each completed e-IRMER session and print off certificates to provide evidence of training to their employer.

Modules within the core curriculum include:

- Radiation production, radiation protection and statutory obligations relating to ionising radiations
- Fundamental Physics of Radiation
- Management and Radiation Protection of the Patient
- Statutory Requirements and Advisory Aspects
- Radiation protection specific to the field of diagnostic x-ray radiology



To access e-IRMER, go to [www.e-lfh.org.uk/projects/ionising-radiation-\(medical-exposure\)-regulations/access-the-e-learning/](http://www.e-lfh.org.uk/projects/ionising-radiation-(medical-exposure)-regulations/access-the-e-learning/)



For more information, go to [www.e-lfh.org.uk/projects/ionising-radiation-\(medical-exposure\)-regulations/](http://www.e-lfh.org.uk/projects/ionising-radiation-(medical-exposure)-regulations/)