



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

It will use 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 will contain a comprehensive interactive training programme of e-learning modules to underpin the core training needs required under IR(ME)R for the above duty holders.

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 following fields
  - Diagnostic radiology
  - Radiotherapy, including brachytherapy
  - Nuclear medicine, including unsealed source therapy

It is anticipated that staff will be able to participate in pilot modules during Autumn 2010, and register for the full course in 2011.

For further information see [www.e-IRMER.org.uk](http://www.e-IRMER.org.uk)