

## e-IRMER

Comprehensive e-learning for healthcare professionals who request or use diagnostic X-rays or nuclear medicine



- **Satisfies UK theoretical training requirements** for the medical exposure of patients to ionising radiations
- **Provides essential training** for doctors, nurses and other healthcare workers
- **Produced in the UK by the Institute of Physics and Engineering in Medicine (IPEM) and Health Education England e-Learning for Healthcare**

**e-IRMER is suitable for healthcare staff who use ionising radiations, including diagnostic X-ray radiology and nuclear medicine, for the diagnosis of patients.**

This e-learning supports training under the Ionising Radiation (Medical Exposure) Regulations 2017 (amended 2018), (IR(ME)R).

e-IRMER covers the theoretical knowledge expected of referrers, such as doctors. It also covers the underpinning theory required under IR(ME)R for operators and practitioners. Packed with interactive features, e-IRMER is a flexible learning resource developed by clinical specialists in the UK.

### key features at a glance

- **Professional accreditation**  
e-IRMER has been developed in partnership with, and certified by, the IPEM. It satisfies the UK's regulatory, theoretical training requirements for healthcare staff involved in diagnostic X-ray radiology and nuclear medicine.
- **Multi-professional use**  
e-IRMER is aimed at non-radiological staff but it is also useful as a refresher or continuing professional development resource for radiographers, clinical technologists and radiologists.
- **Convenient, easy access**  
e-IRMER is available via the Internet. So you can study at your own pace and in your own time – at home, on the move or in the workplace.
- **Interactive content**  
The learning content includes interactive features such as images and self-assessment exercises, which help to embed learning and foster deeper understanding.
- **High-quality training**  
e-IRMER gives you and other learners access to the same high-quality content – delivering consistent training for all.

In partnership with:



You can dip into the content as required and revisit the sessions as many times as needed. Self-assessment exercises test your knowledge, helping to reinforce learning on key themes.

You can track your progress online and print off certificates to provide evidence of training to your employer and also to the UK's Care Quality Commission for any inspections.

*e-IRMER* supports and enhances traditional learning, helping to fill

in knowledge gaps and offering a comprehensive reference tool. It is also an excellent educational resource for local training programmes.

#### **Flexible training**

The learning material is available online, giving you quick and convenient access. So, you can study around your professional commitments, without having to take time out of the workplace.

*e-IRMER* offers benefits for healthcare service providers too. Your staff can access training online immediately rather than having to wait for a face-to-face session. Furthermore, all staff have access to the same high-quality resources, regardless of where they are based.

*e-IRMER* offers an interactive learning resource for all healthcare professionals involved in diagnostic examinations with ionising radiations.

**PURCHASE NOW**

*“ e-IRMER equips healthcare staff with the theoretical knowledge and understanding to help ensure patient safety during medical exposures to X-rays and nuclear medicine. ”*

**Stephen Evans, Former Head of Medical Physics, Northampton General Hospital NHS Trust**

### **e-IRMER course modules**

- Fundamental Physics of Radiation
- Radiation Protection
- Legal Requirements
- Diagnostic X-ray and Interventional Radiology
- Nuclear Medicine

### **e-IRMER course content**

- Interpretation of the regulations
- The basic physics associated with ionising radiations
- The risks associated with ionising radiations
- The radio-biological effects of exposure to ionising radiations
- The production of X-rays
- The applications of ionising radiations for diagnostic X-ray imaging and nuclear medicine
- Practical examples of the roles of duty holders
- The application of ionising radiations for radiotherapy (to follow)
- Practical examples of how to reduce patients' exposures to ionising radiations

