



e-learning for advanced radiotherapy techniques



Radiotherap-e is a web-based educational resource produced in partnership with the Royal College of Radiologists, the Institute of Physics and Engineering in Medicine, the Society and College of Radiographers, and DH e-Learning for Healthcare. The aim of the project is to provide the knowledge base and practical skills training to support the implementation of advanced radiotherapy techniques in the UK.

The programme will offer multi-professional learning resources for the trained workforce involved in the delivery of radiotherapy, including clinical oncologists, physicists, radiographers and dosimetrists.

The curriculum includes the following topics:

- Fundamentals of advanced radiotherapy techniques
- Image-guided radiotherapy
- Intensity-modulated radiotherapy
- Stereotactic radiotherapy
- Image-guided brachytherapy for cervical cancer
- Image-guided brachytherapy for prostate cancer
- Image-guided brachytherapy for breast cancer
- Proton therapy

Aspects covered include image interpretation and target volume delineation, dosimetry planning and optimisation, quality assurance and patient care. In addition to interactive learning sessions, unique tools are being developed to allow remote assessment of target volume delineation and dosimetry plans, which can be used to support competency assessment, continuous professional development (CPD) and recertification.



**IPEM**