

Radiotherapy training – *Radiotherap-e*

A practical e-learning resource for healthcare professionals involved in advanced radiotherapy



- **Covers the knowledge and skills** to implement advanced radiotherapy techniques
- **Supports multi-professional training** of clinical oncologists, physicists, radiographers and dosimetrists
- **Allows you to practise your skills** using customised tools that simulate selected radiotherapy tasks

The past decade has seen major advances in radiotherapy techniques – many of which involve new concepts and skills.

***Radiotherap-e* helps you to develop the knowledge and skills to implement these advanced techniques.**

Radiotherap-e is aimed at the trained workforce involved in the delivery of radiotherapy but it is also a useful resource for trainees from all professions within radiation oncology. It has been produced in partnership with leading professional institutions and colleges in the UK.

Radiotherap-e is available online so you can study in the workplace, at home or even on the move.

key features at a glance

- **Comprehensive training**
Radiotherap-e covers several of the latest radiotherapy techniques. Typically, individual learning sessions take around 20 minutes to complete – so you can fit the training into your busy work or study schedule.
- **Multi-professional use**
Radiotherap-e is relevant to a wide range of healthcare professionals who are involved in advanced radiotherapy. It is suitable for fully qualified practitioners and trainees alike.
- **Interactive features**
The learning content includes images, animations and video clips, which all create greater interactivity and spatial awareness than textbook learning.
- **High-quality learning**
The content has been written, and peer-reviewed, by top specialists in the field. So, it meets the highest professional standards.
- **Practical radiotherapy tools**
You can practise your skills using customised tools that simulate relevant tasks in radiotherapy, such as contouring, dose calculation and optimisation.
- **Quality assurance**
Radiotherap-e is formally endorsed for continuing professional development (CPD) by the College of Radiographers. So, it meets recognised UK standards for professional training in this area.

In partnership with:



The content is arranged into six modules. Each module is divided into a number of e-learning sessions that cover topics such as image interpretation, image fusion and target volume delineation, dosimetry planning and optimisation, quality assurance and patient care.

Interactive learning

The e-learning sessions include images, animations and videos, which help to explain the complex principles involved and provide greater spatial awareness than textbook learning. Self-assessment exercises also enable you to test your knowledge and understanding of key concepts.

There are step-by-step descriptions of practical procedures as well as clinical examples. Comparisons of techniques, equipment and protocols are included so that you can apply the learning to your own area of practice.

The content has been written by subject-matter experts from a wide range of disciplines – with an emphasis on sharing lessons learned through practical experience of

implementing advanced radiotherapy techniques.

Developing practical skills

A key feature is the use of customised tools that simulate relevant tasks in the radiotherapy process. With these tools, you can practise some of the skills involved in advanced radiotherapy.

Examples include:

- Contouring tool – allowing you to contour on multiple axial slices and compare their contours with reference contours.
- Image registration tool – allowing you to fuse two single plane images using a checkerboard and to compare the fused images with reference images.
- Dose calculation spreadsheets – allowing you to calculate equivalent doses for different dose-fractionation schedules.

Radiotherap-e offers a practical, high-quality resource that you can access anywhere, at any time.

PURCHASE NOW

course content

The course modules comprise the following:

- Image-guided Brachytherapy for Cervix Cancer
- Intensity Modulated Radiotherapy
- Stereotactic Radiotherapy
- Prostate Brachytherapy
- Image-guided Radiotherapy
- Proton Beam Therapy

Full course details are available on our website, where you can also complete some [sample sessions](#).

