DOSE MEASUREMENT IN STEREOTACTIC CONDITIONS

Course overview

The objective of this training is to enable participants to better understand the problems linked to small beams dosimetry used in the context of stereotactic irradiation and to learn about the adapted techniques for measuring the dose.

Who is the course for ?

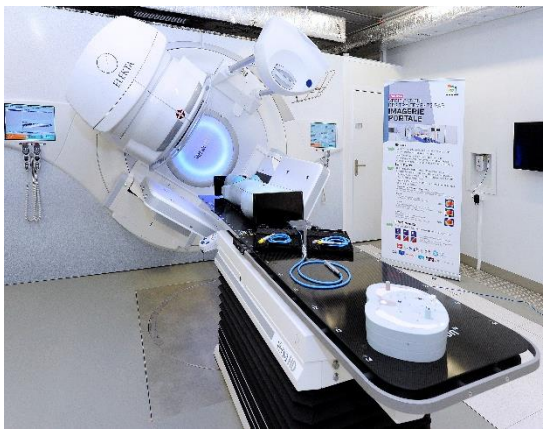
- medical physicists,
- technicians in radiotherapy
- engineers, researchers, PhD in Medical Physics

Entry requirements

Practice an activity in a radiotherapy service that wants to implement radiotherapy in stereotactic conditions

Competences covered

- Understand small beams dosimetry for stereotactic radiotherapy
- Understand the physics of various dosimeters and know their limits
- Implement adapted measurements to stereotactic conditions



linear accelerator of DOSEO platform
(Credit: L. Godart/ CEA)

Course content

- Concept of absorbed dose measurements
- Specificity of measurements for small beams
- The different tools of measurement and their limits
- Practical situation with the use of different detectors

Why take this course?

- ✓ metrological expertise of **CEA trainers (Metrology, Instrumentation, Information Department)**
- ✓ Scenario on radiotherapy linear accelerator
- ✓ **Partnership with DOSEO**

DOSEO

Duration 2 days

Location DOSEO Platform, CEA Saclay

Groupe limited to 14 persons

Contact Amélie Roué Tel: 01 69 08 60 83 / amelie.roue@cea.fr

Course code 38B

Please contact us for more information on this course.

With the support of : INSTITUT NATIONAL DU CANCER, LNE Le progrès, une passion à partager

WWW-INSTN.CEA.FR