



CAPACITY BUILDING

IAEA E-LEARNING COURSE: SAFETY AND QUALITY IN RADIOTHERAPY

What do we offer?

We have created an e-learning course explaining safety and quality in radiotherapy. This course consists of *twelve modules*, each looking at different aspects of the topic, with an estimated total duration of *five hours*. It is designed to help *radiotherapy professionals* to:

- Improve their understanding of safety in radiotherapy;
- Learn techniques to reduce and avoid incidents in radiotherapy;
- Understand the value and use of incident learning systems;
- Learn about useful sources of information to enhance safety in radiotherapy; and
- Gain insights into improving safety culture in medical facilities such as clinics.

After completion of the course, participants can obtain a certificate.

MODULE 1 Introduction	MODULE 2 Major incidents in radiotherapy	MODULE 3 Learning from incidents	MODULE 4 Process maps, severity metrics, basic causes and safety barriers
MODULE 5 Reporting incidents using SAFRON	MODULE 6 Root cause analysis 1: Human factors and basic causes	MODULE 7 Root cause analysis 2: Safety barriers and preventive actions	MODULE 8 Failure modes and effects analysis
MODULE 9 Fault tree analysis	MODULE 10 Safety culture	MODULE 11 Useful resources	MODULE 12 And now what? Enhancing quality and safety in your clinic

How do I access the e-learning programme?

Create an account at the Cyber Learning Platform for Network Education and Training (CLP4NET) (<http://elearning.iaea.org/m2/>) and access the category Radiation Protection of Patients (<http://elearning.iaea.org/m2/course/view.php?id=392>).

Where can I receive more information?

For more information, please contact the division of Radiation Transport and Waste Safety of the Department of Nuclear Safety and Security or write to: SAFRON.Contact-Point@iaea.org.



60 Years

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