



TRAINING

Radiation protection of workers

AVAILABLE FORMATS:



E-LEARNING

Adaptable to your activity:
Conventional, scanographic,
Interventional



Objectives

- ✓ Identify the characteristics of ionizing radiation and their effects on health
- ✓ Mention the potentially harmful effects of radiation exposure on the embryo, particularly at the beginning of pregnancy, and on the unborn child, and explain the necessity of declaring pregnancy as early as possible
- ✓ Describe and apply the principles of radioprotection and the rules for protection against external and internal exposure
- ✓ Identify the regulatory requirements regarding radioprotection for exposed individuals
- ✓ Identify the methods for monitoring individual exposure and accessing dosimetric results, and the specific rules established for pregnant and breastfeeding women, workers under 18 years old, workers on fixed-term contracts (CDD), and temporary workers
- ✓ Apply the rules for accessing zones
- ✓ Identify the actors involved in radioprotection both within and outside of the establishment and their roles
- ✓ Describe and apply the appropriate actions to take in the event of an accident or incident



Workers classified according to Article R.4451-57 of the Code du travail (including those who are their own employer)



No prerequisites required



E-learning: 1 identifier per person



2h30



Training platform online chosen by the training organization for e-learning



At least every 3 years and whenever necessary



Compliant with « décret n° 2018-437 du 4 juin 2018 relatif à la protection des travailleurs contre les risques dus aux rayonnements ionisants »



Program

For the e-learning training, the learner follows the training path and validates the educational objectives progressively; this is a mandatory condition to continue advancing in the training.

Part 1 / THEORY

1h

- ✓ A bit of history
- ✓ Our daily exposure
- ✓ Regulation
- ✓ Some notions of dosimetry
- ✓ The effects of radiation

Part 2 / PRACTICAL

1h

- ✓ The principles of radioprotection
- ✓ Risk characterization
- ✓ Individual exposure assessment
- ✓ Protective equipment
- ✓ The exposure of individuals in the room
- ✓ Basic rules of radioprotection
- ✓ Good practices
- ✓ Radiation protection for pregnant workers and breastfeeding women
- ✓ Examples of incidents
- ✓ Actions to take in case of incidents

Part 3 / QUIZ

1h

- ✓ Questions covering the main concepts discussed during the training

SATISFACTION SURVEY

The learner is invited to evaluate the quality of the training (ease of access, content, assistance, etc.)

PRE-TEST

This training does not have a pre-test

POST-TEST

This training does not have a post-test



Modalities



TRAINING FOLLOW-UP:

- ☑ **Face-to-face:** Attendance sheet and signature per half-day
- ☑ **E-learning:**
 - ☑ Opening of an e-learning session online to be completed within 2 months
 - ☑ Internet connection and up-to-date internet browser required
- ☑ **Virtual class:**
 - ☑ Opening of a virtual class session online
 - ☑ Internet connection and up-to-date internet browser required



E-LEARNING TRAINING ASSISTANCE AND SUPPORT TECHNIQUES:

- ✔ Continuous access to the C2i santé FAQ available via the link sent with the registration confirmation email
- ✔ Access to a hotline at (+33) 3 57 54 06 06 from Monday to Friday, 8:30 AM - 12 PM and 1:30 PM - 5:30 PM (French time). Please note that the hotline service is available only in French.
- ✔ Technical assistance timeframes:
 - Level 1 (unfamiliarity with software or hardware): immediate to 2 business days
 - Higher level: within 5 business days
- ✔ Access to an educational tutor: c2i.formation@c2isante.fr
- ✔ Educational assistance timeframes: the learner will be contacted within 5 business days



EVALUATION AND ISSUANCE OF CERTIFICATES:

- ☑ **Face-to-face and virtual classes:** Subject to the completion of the entire training and the validation of educational objectives, a training certificate will be issued
- ☑ **E-learning training:** Subject to the completion of the entire training and the validation of educational objectives, a training certificate will be issued

THE TRAINING CERTIFICATE IS VALID PROVIDED THAT THE RECIPIENT OF THE TRAINING IS WORKING IN THE ACTIVITY FOR WHICH THEY HAVE UNDERGONE THE TRAINING





Educational team

- ✓ Individuals competent in radiation protection and trainers
- ✓ Medical Electroradiology Technologists
- ✓ Graphic Designers
- ✓ Digital Educational Designers



Educational Resources

- ✓ Theoretical presentations
- ✓ Techniques of affirmative interrogative pedagogy
- ✓ Exercises in the form of multiple-choice questions, fill-in-the-blank texts, etc.
- ✓ Examples of practical cases
- ✓ Training booklet downloadable at the end of the training
- ✓ Possibility to contact a trainer in case of questions: c2i.formation@c2isante.fr



Accessibility

- ✓ For trainees with disabilities, please contact our training service to verify accessibility

