



Regional Training Course on Radiation Protection of Patients in New Diagnostic and Radiotherapy Modalities

Hosted by
The Government of Georgia*

through the

Agency of Nuclear and Radiation Safety

Tbilisi, Georgia*

09-13 September 2024

Ref. No.: TN-RER9157- EVT2403387

Information Sheet

Purpose

The objective of the regional training course is to train participants on the specific aspects of patient radiation protection during the licensing and inspection of new modalities in diagnostic and radiotherapy practices.

Working Language(s)

The working language of the event will be English.

Deadline for Nominations

Nominations received after **28 June 2024** will not be considered.

Background Information

The project RER9157 is designed to assist Member States (MSs) in the European region to enhance radiation protection and safety in medical uses of ionizing radiation through improved implementation of the requirements of the IAEA GSR Part 3. It is focused on strengthening national capacities to effectively implement the related regulatory requirements into practice.

The main goals of the project are based on analysis of the data in the RASIMS 2.0 platform that identified gaps related to the implementation of the requirements.

The key areas to be addressed in the project include a) Justification of medical exposures; b) Optimization of radiation protection of patients including establishment and use of Diagnostic Reference Levels; c) Special attention on radiation protection of paediatric, pregnant, and breastfeeding patients; and d) Prevention of accidental medical exposures.

The project will endeavour to strengthen national mechanisms to achieve improvements on the broad national level. Regional cooperation will provide a platform for developing common approaches and for sharing of experience.

Scope and Nature

The regional training course will aim to **enhance the knowledge and working practice** of regulatory authorities and inspectors on specific aspects of patient radiation protection when licensing and inspecting **new modalities in diagnostic and radiotherapy practices**.

The regional training course will comprise theoretical and practice sessions on specificities of radiation protection in CBCT, Digital Brest Tomosynthesis, PET/CT, radionuclide therapy with new types of radiopharmaceuticals, new radiotherapy modalities such as IGRT, etc.

Participation

The meeting is open to **25 participants** from TCEU Member States participating in the projects: RER9157 “Strengthening Implementation of the Justified and Optimized Use of Ionizing Radiation in Medicine”.

Participants’ Qualifications and Experience

The participants should have been **responsible for** and **actively involved** in licensing and inspecting medical imaging and radiotherapy facilities and developing national requirements and guidance. The participants should have been **responsible for** and **actively involved** in licensing and inspecting medical imaging and radiotherapy facilities and developing national requirements and guidance **on radiation protection in medical exposure**.

The preferences will be given to nominees with adequate background and appropriate experience in this field.

Only candidates who have provided **enough information** in their nomination form to demonstrate their roles, responsibilities, and involvement in medical exposure will be considered.

As the course will be conducted in English, participants should have sufficient proficiency to deliver and follow lectures and express themselves in this language without difficulty.

Applications failing to clarify compliance to the requirements listed above will be automatically rejected.

Application Procedure

Candidates wishing to apply for this event should follow the steps below:

1. Access the InTouch+ home page (<https://intouchplus.iaea.org>) using the candidate's existing Nucleus username and password. If the candidate is not a registered Nucleus user, she/he must create a Nucleus account (<https://websso.iaea.org/IM/UserRegistrationPage.aspx>) before proceeding with the event application process below.
2. On the InTouch + platform, the candidate must:
 - a. Finalize or update her/his personal details, provide sufficient information to establish the required qualifications regarding education, language skills and work experience ('Profile' tab) and upload relevant supporting documents;
 - b. Download and complete the [Designation of Beneficiary and Emergency Contact Form](#), and upload to InTouch+ ('Profile' tab under the personal section) specifying the document name. If already provided, kindly discard this step; and
 - c. Search for the relevant technical cooperation event (**EVT2403387**) under the 'My Eligible Events' tab, answer the mandatory questions and lastly submit the application to the required authority.

NOTE: Completed applications need to be approved by the relevant national authority, i.e. the National Liaison Office, and submitted to the IAEA through the established official channels by the provided designation deadline.

For additional support on how to apply for an event, please refer to the [InTouch+ Help page](#). Any issues or queries related to InTouch+ can be addressed to InTouchPlus.Contact-Point@iaea.org.

Should online application submission not be possible, candidates may download the nomination form for the meeting from the IAEA website and submit their applications to their National Authorities. The nomination forms once fully approved can be submitted by e-mail in a PDF format through the official channels via the IAEA Official E-Mail (Official.Mail@iaea.org) with copy to Mr Katukhov (A.Katukhov@iaea.org) and Mr Bru (Y.Bru@iaea.org).

NOTE: A medical certificate signed by a registered medical practitioner dated not more than four months prior to starting date of the event must be submitted by candidates when applying for all candidates over the age of 65 regardless of the event duration.

Administrative and Financial Arrangements

Nominating authorities will be informed in due course of the names of the candidates who have been selected and will at that time be informed of the procedure to be followed with regard to administrative and financial matters.

Selected participants will receive an allowance from the IAEA sufficient to cover their costs of lodging, daily subsistence and miscellaneous expenses. They will also receive either a round-trip air ticket based on the most direct and economical route between the airport nearest their residence and the airport nearest the duty station through the IAEA's travel agency American Express, or a travel grant, or they will be reimbursed travel by car/bus/train in accordance with IAEA rules for non-staff travel.

Disclaimer of Liability

The organizers of the event do not accept liability for the payment of any cost or compensation that may arise from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the course, and it is clearly understood that each Government, in approving his/her participation, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.

Note for female participants:

Any woman engaged by the IAEA for work or training should notify the IAEA on becoming aware that she is pregnant.

The Board of Governors of the IAEA approved new International Basic Safety Standards for Protection against Ionizing Radiation and for the Safety of Radiation Sources. The Standards deal specifically with the occupational exposure conditions of female workers by requiring, inter alia, that a female worker should, on becoming aware that she is pregnant, notify her employer in order that her working conditions may be modified, if necessary. This notification shall not be considered a reason to exclude her from work; however, her working conditions, with respect to occupational exposure shall be adapted with a view to ensuring that her embryo or foetus be afforded the same broad level of protection as required for members of the public.

Organization and IAEA Contacts

Programme Management Officer (responsible for substantive matters):

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Administrative Contact (responsible for administrative matters):

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Subsequent correspondence on scientific matters should be sent to the Programme Management Officer and correspondence on other matters related to the meeting to the Administrative Contact.