



Regional Training Course on Justification and Optimization in Computed Tomography

Hosted by

The Government of Croatia

through the

Clinical Hospital Center Rijeka

Rijeka, Croatia

3 to 7 April 2023

Ref. No.: TN-RER9157-2300566

Information Sheet

Purpose

The purpose of the event is to train the participants on strategies and practical approaches for the justification and optimization of radiation protection in computed tomography aiming to keep the exposure of patients to the minimum necessary, while achieving the required diagnostic objective.

Working Language(s)

The working language(s) of the event will be English.

Deadline for Nominations

Nominations received after 10 February 2023 will not be considered.

Project Background

The project RER/9/157 is designed to assist Member States 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 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 format would include presentations by experts, discussions, exercises, and demonstrations in a clinical environment. It is expected that participants bring their own data from CT examinations in their departments, to be used during the practical sessions.

Participation

The training course is open to 25 participants from Member States participating in the TC regional project RER/9/157 “Strengthening implementation of the justified and optimized use of ionizing radiation in medicine”. Each country is invited to nominate one or two participants who must match the profile described in the corresponding paragraph.

Participants' Qualifications and Experience

Persons nominated must be clinical radiologists or medical radiation technologist (radiographers) clinically involved in computed tomography. Preference must be given to professionals who are involved in clinical training of young trainees, or who are members of quality assurance or radiation protection teams that will allow for dissemination of acquired knowledge. As the training course will be conducted in English, participants should have sufficient proficiency to follow lectures and express themselves in this language without difficulty.

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 (EVT2300566) 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 training course from the [IAEA website](#).

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 a) events with a duration exceeding one month, and/or b) 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 AX Travel Management, or a travel allowance, 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.

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