



Virtual Regional Training Course on Advanced treatment planning workflow: from contouring to plan evaluation. Prostate & Lymph nodes.

Hosted by

The Governments of Estonia and Türkiye

through the

North Estonia Medical Centre and Ege University Hospital (Tallinn, Estonia);
Department of Radiation Oncology, (Izmir, Türkiye)

6 to 24 February 2023

Ref. No.: TN-RER6040-EVT2207665

Information Sheet

Purpose

The purpose of the event is to train participants on:

- (1) Contouring of the target and organs at risk volumes based on various imaging data available for patients with prostate cancer;
- (2) Creating high quality treatment plans using intensity modulated radiotherapy (IMRT) technique;
- (3) Evaluating treatment plans using different tools and criteria.

Working Language(s)

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

Deadline for Nominations

Nominations received after **22 December 2022** will not be considered.

Project Background

Intensity modulated radiotherapy (IMRT) became a standard of care in many European radiotherapy centers. At the same time, training opportunities, especially for younger professionals entering the field, is largely limited. The training course aims at providing participants with skills and knowledge for performing high quality IMRT treatments of a particular site.

Scope and Nature

The course will consist of lectures, presentations and practical sessions using Webex as the online platform for presentations and Varian Academic Hub as the online platform for practical sessions.

The 10-days training course will be delivered online over 3 weeks, so participants will have enough time to practice the skills obtained for their clinical scenarios.

Training will be limited to selected 27 teams of participants from the participating countries of IAEA RER6040 project.

The exact time each group needs to commit to the training course is limited to 6 full working days (6, 10, 20 and 24 February for all groups and additionally per one day between 7 and 9 February and between 21 and 23 February per group). The training is highly practical, and participants should be familiar with the concept of IMRT and IMRT planning.

Expected Outputs

By the end of this course, participants are expected to improve their skills in creating high quality contours for treatment planning, create IMRT plans and evaluate them

Participation

The course target audience is teams of RT professionals involved in the target and OAR contouring, treatment planning and plan evaluation.

Each team consists of up to three professionals who altogether clinically perform all the duties described (e.g., radiation oncologist and medical physicist, or radiation oncologist, dosimetrist and medical physicist, or equivalent).

Participants' Qualifications and Experience

The participants should have some experience in radiotherapy treatment planning, and at least basic understanding of IMRT planning.

As the training course will be conducted in English, participants should have sufficient proficiency to follow lectures and express themselves in the 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 (**EVT2207665**) 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](#).

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.

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.

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