



Virtual Regional Training Course on Hybrid Imaging in Oncology

Hosted by

The International Atomic Energy Agency

22 March to 02 April 2021

Ref. No.: RLA6083 – EVT2001566

Information Sheet

Purpose

The focus of the virtual training course is nuclear medicine hybrid techniques in the diagnosis and treatment (Theranostics) of different malignancies, as well as to discuss the clinical utility and relative value with emphasis on the protocols to be used in the above conditions will be one of the core learning points of this training course.

Working Language(s)

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

Deadline for Nominations

Nominations received after 19 February 2021 will not be considered.

Project Background

Single photon emission computed tomography/computed tomography (SPECT/CT) and positron emission tomography/computed tomography (PET/CT) are new imaging technologies which couple the metabolic information provided by SPECT and PET with the exquisite anatomical resolution of X ray CT. Both procedures have already found several clinical applications in paediatric imaging, particularly PET/CT. Widespread introduction into clinical practice has started approximately 18 years ago and is increasing steadily, achieving more accuracy of primary staging and the detection of recurrent disease, with the realistic potential to change patient management in up to 40% of cases. New PET and SPECT systems including computed tomography are replacing all traditional cameras all over the world, which requires special training for nuclear medicine professionals, including an update of their skills and knowledge of specific protocols and current clinical applications.

Scope and Nature

Format: Interactive virtual lectures and sessions covering approaches in diagnostic and therapeutic nuclear medicine procedures from streamlined and emerging approaches. These discussions should provide theoretical grounding in the improvement of nuclear oncology applications to achieve the following:

- a) Review the different established and emerging diagnostic and therapeutic nuclear medicine protocols and nuclear techniques in the evaluation and management of Non-Communicable Diseases (NCDs), including the use of FDG and Non-FDG PET/CT imaging (PSMA, Dotatate and others).
- b) Comprehensive knowledge of epidemiology, causes, risk factors, clinical manifestations/symptoms in NCDs.
- c) Differentiate and analyse the different protocols used in diagnostic and therapeutic nuclear medicine procedures including the role of hybrid imaging and dosimetry.
- d) Explore the role of targeted radionuclide therapies into the clinical practice in the Latin-American and The Caribbean Member States

Participation

This course is open to 50 participants from the following countries participating in the IAEA technical cooperation project RLA6083: Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Jamaica, Mexico, Panama, Paraguay, Peru, Uruguay and Venezuela. Countries may nominate more than 1 participant, who will be then selected based on the qualifications and experience described below. In order to receive a training certificate, participants are required to attend all sessions and complete the evaluations and surveys to

be able to obtain the completion certificate.

Participants' Qualifications and Experience

Candidates must be Nuclear Medicine Physicians, Radiologists, Oncologists or referring physicians with strong interest in the management of patients with NCDs with main focus on oncology. The candidates should have been involved in activities in this field at national level.

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. Search for the relevant technical cooperation event (EVT2001566) 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](#).

Expenditures and Grants

Nominating authorities will be informed in due course of the names of the candidates who have been selected. No registration fee is charged to participants. Attendance to this training does not require travel. Selected candidates will work from their offices or other appropriate space in their hometowns and countries. The IAEA is not in a position to bear other costs of participants in the event such as computer equipment that may arise out of the web-based training.

Disclaimer of Liability

The IAEA take no responsibility for, and the provider of the virtual meeting services has represented and warranted that the Services shall not contain, and that no end user shall receive from the software used to hold the virtual meeting, any virus, worm, trap door, back door, timer, clock, counter or other limiting routine, instruction or design, or other malicious, illicit or similar unrequested code, including surveillance software or routines which may, or is designed to, permit access by any person, or on its own, to erase, or otherwise harm or modify any data or any system, server, facility or other infrastructure of any end user (collectively, a “Disabling Code”).

Additional Information

The event will be conducted through web-based facilities virtually (Online). Selected participants will be informed in due course on the procedures to be followed regarding the communication platform that will be used and the way of work during the online sessions.

IAEA Contacts

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