



# **Virtual event on Establishment and Utilization of Diagnostic Reference Levels in Medical Imaging**

**Hosted by**

The International Atomic Energy Agency  
IAEA Headquarters  
Vienna, Austria

**6 to 10 September 2021**

**Ref. No.: ME-RER9147-2101733**

## **Information Sheet**

### **Purpose**

The purpose of this virtual event is to review the status of implementation of the requirements of the International Basic Safety Standards for using diagnostic reference levels (DRLs) as a tool for optimization of radiation protection of patients, identify gaps and share good practices.

### **Working Language(s)**

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

### **Deadline for Nominations**

Nominations received after **20 July 2021** will not be considered.

## Project Background

The project RER9147 is designed for Member States (MSs) in the European region to improve the implementation of the framework of radiation protection in medical uses of ionizing radiation and enhance the national capabilities for medical exposure control in compliance with requirements of the GSR Part 3 (International BSS). The main goals of the project are to strengthen in the Member States and throughout the region the cooperation of regulatory bodies, health authorities and relevant professional bodies, and to enhance their capacity in ensuring the implementation of the basic requirements for radiation protection and safety related to medical exposure. The key element for successful implementation of BSS in medical practice is the knowledge, competence and skills of medical professionals that defines the importance of education and training in general and particularly in radiation protection.

## Expected Outputs

Information and good practices shared about the national approaches of establishing and utilizing DRLs, obstacles and solutions identified, thus contributing to the improved understanding of the DRL concept and its proper implementation in the region.

## Scope and Nature

The event will be conducted in phases. First, the Member States should respond to the pre-meeting survey, with the purpose to understand the present status of implementation of the DRLs cycle. The deadline for receiving answers to the survey is 20 July 2021. The survey consists of two questionnaires:

- 1) [Questionnaire for the national authority](#) responsible for the implementation at national level of the requirements of BSS in regard to medical exposure of patients: One answer per country is expected to this questionnaire.
- 2) [Questionnaire for the professional organizations](#) of health professionals relevant to the field of medical imaging, e.g. medical physics, radiology, nuclear medicine, medical radiography, interventional radiology, interventional cardiology, etc. Answers from different professional organizations are welcome, but one answer per organization is expected.

The nominated participants will be requested to study the new IAEA eLearning on DRLs as a prerequisite for the meeting, and to provide any additional information requested during the preparation. The online meeting 6-10 September will feature plenary sessions with the selected participants to share experiences on national approaches, issues and good practices, break-out working sessions to discuss solutions for addressing the identified issues, and open webinars to disseminate results and good practices in the region.

## Participation

The event is open to approximately 40 participants from Member States participating in the TC regional project RER/9/147. Each country is invited to nominate two or more participants who must match the profile described in the corresponding paragraph.

## Participants' Qualifications and Experience

The participants should demonstrate close involvement with the DRL process of establishing and using DRLs for optimization and should be able to represent the national perspective to the topic. One of the participants should represent the national authority responsible for establishing DRLs and controlling their use by hospitals, and the second participant should be ideally nominated by the national professional organization of medical physics, or, if appropriate, of medical imaging or radiography. If well justified, more than two participants representing different institutions or organizations might be accepted. Priority will be given to countries which responded to the pre-meeting survey.

As the meeting will be conducted in English, participants should have sufficient proficiency to follow 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. Search for the relevant technical cooperation event (**EVT2101733**) 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](mailto: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](#).

## 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 who indicate their need, will receive financial support to contribute to the expenses of their costs for internet connection for the duration of the event in line with IAEA rules and procedures

## **Disclaimer of Liability**

The IAEA takes 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”).

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