



Technical Meeting on the Radiation Protection of Patients in the New Era of Medical Imaging

**IAEA Headquarters
Vienna, Austria**

4 - 6 March 2024

Ref. No.: EVT2303935

Information Sheet

Introduction

At the global level, the availability of medical imaging technologies has been increasing continuously in the last decade, which lead to increasing the number of examinations. In the period 2009–2018, about 4.2 billion medical radiological examinations were performed annually. The collective effective dose was estimated to be 4.2-million-man sieverts (man Sv) for the global population of 7.3 billion people, resulting in an effective dose per caput of 0.57 mSv (excluding radiotherapy), making the medical exposure by far the largest human-made source of radiation exposure of the population [UNSCEAR Report 2021]. At the same time, medical imaging technologies continue to evolve very fast, presenting new advancements and applications in clinical practice, which ensure early disease detection, less invasive treatments, and improved patients' outcome.

These two trends impose new challenges in the radiation protection of patients, such as applying the principle of justification, upgrading the imaging guidance, acquiring knowledge and skills needed for using the new features, performing dose optimization in the examination procedures, fostering cooperation between health and radiation protection authorities, etc.

Objectives

The objective is to exchange information among health professionals, health authorities and regulators with responsibilities in the medical exposure about the challenges in radiation protection of patients in

the imaging practices in diagnostic and radiotherapy procedures and to assess the needs for the development of guidance and tools.

Target Audience

All Member States: Health professionals involved in diagnostic or radiotherapy imaging procedures (Radiologists, Nuclear Medicine Physicians, Radiation Oncologists, Technologists, Medical Physicists), Health Authorities and Radiation regulatory staff with responsibilities in relation to medical uses of ionizing radiation.

Working Language(s)

English

Participation and Registration

All persons wishing to participate in the event have to be designated by an IAEA Member State or should be members of organizations that have been invited to attend.

In order to be designated by an IAEA Member State, participants are requested to send the **Participation Form (Form A)** to their competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) for onward transmission to the IAEA by **2 February 2024**. Participants who are members of an organization invited to attend are requested to send the **Participation Form (Form A)** through their organization to the IAEA by the above deadline.

Selected participants will be informed in due course on the procedures to be followed with regard to administrative and financial matters.

Participants are hereby informed that the personal data they submit will be processed in line with the [Agency's Personal Data and Privacy Policy](#) and is collected solely for the purpose(s) of reviewing and assessing the application and to complete logistical arrangements where required. The IAEA may also use the contact details of Applicants to inform them of the IAEA's scientific and technical publications, or the latest employment opportunities and current open vacancies at the IAEA. These secondary purposes are consistent with the IAEA's mandate.

Papers and Presentations

The IAEA encourages participants to give presentations on the work of their respective institutions that falls under the topics listed in above Topics Section.

Participants who wish to give presentations are requested to submit an abstract of their work. The abstract will be reviewed as part of the selection process for presentations. The abstract should be in A4 page format, should extend to no more than pages (including figures and tables) and should not exceed words. It should be sent electronically to Mr Per-Ola Holmberg, the Scientific Secretary of the event (see contact details in below Visas Section), not later than . Authors will be notified of the acceptance of their proposed presentations by .

In addition, participants have to submit the abstract together with the **Participation Form (Form A)** to their competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) or their organization for onward transmission to the IAEA not later than .

Expenditures and Grants

No registration fee is charged to participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the event. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Upon specific request, such assistance may be offered to normally one participant per country, provided that, in the IAEA's view, the participant will make an important contribution to the event.

The application for financial support should be made using the **Grant Application Form (Form C)** which has to be stamped, signed and submitted by the competent national authority to the IAEA together with the **Participation Form (Form A)** by **2 February 2024**.

Venue

The event will be held at the Vienna International Centre (VIC) where the IAEA's Headquarters are located. Participants must make their own travel and accommodation arrangements.

General information on the VIC and other practical details, such as a list of hotels offering a reduced rate for IAEA participants, are listed on the following IAEA web page:

<https://www.iaea.org/events>.

Participants are advised to arrive at Checkpoint 1/Gate 1 of the VIC one hour before the start of the event on the first day in order to allow for timely registration. Participants will need to present an official photo identification document in order to be admitted to the VIC premises.

Visas

Participants who require a visa to enter Austria should submit the necessary application to the nearest diplomatic or consular representative of Austria at least four weeks before they travel to Austria. Since Austria is a Schengen State, persons requiring a visa will have to apply for a Schengen visa. In States where Austria has no diplomatic mission, visas can be obtained from the consular authority of a Schengen Partner State representing Austria in the country in question.

Organization

Scientific Secretary

Mr Per-Ola Holmberg

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AUSTRIA

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Co-Scientific Secretary

Ms Vesna Gershan

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Administrative Secretary

Ms Julia Fulford

Division of Radiation, Transport and Waste Safety

Department of Nuclear Safety and Security

International Atomic Energy Agency

Vienna International Centre

PO Box 100

1400 VIENNA

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Tel.: +43 1 2600 26396

Fax: +43 1 26007

Email: J.Fulford@iaea.org

Subsequent correspondence on scientific matters should be sent to the Scientific Secretary/Secretaries and correspondence on other matters related to the event to the Administrative Secretary.

Participation Form

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To be completed by the participant and sent to the competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA, or National Atomic Energy Authority) of his/her country for subsequent transmission to the International Atomic Energy Agency (IAEA) either by email to: Official.Mail@iaea.org or by fax to: +43 1 26007 (no hard copies needed). Please also send a copy by email to the Scientific Secretary, Mr Per-Ola Holmberg, Division of Radiation, Transport and Waste Safety, Department of Nuclear Safety and Security (Email: O.Holmberg@iaea.org) and to the Administrative Secretary, Ms Julia Fulford, (Email: J.Fulford@iaea.org).

Participants who are members of an invited organization can submit this form to their organization for subsequent transmission to the IAEA.

Deadline for receipt by IAEA through official channels: 02 February 2024

Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms
Institution:		
Full address:		
Tel. (Fax):		
Email:		
Nationality:	Representing following Member State/non-Member State/entity or invited organization:	
Current employment: Name and place of organization: Title of your position: Years worked:		

Participants are hereby informed that the personal data they submit will be processed in line with the [Agency's Personal Data and Privacy Policy](#) and is collected solely for the purpose(s) of reviewing and assessing the application and to complete logistical arrangements where required. Further information can be found in the [Data Processing Notice](#) concerning IAEA InTouch+ platform.

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Deadline for receipt by IAEA through official channels: 2 February 2024

Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms:
Mailing address:	Tel.:	
	Fax:	
	Email:	
Date of birth (yyyy/mm/dd):	Nationality:	

1. Education (post-secondary):

Name and place of institution	Field of study	Diploma or Degree	Years attended from to	

2. Recent employment record (starting with your present post):

Name and place of employer/ organization	Title of your position	Type of work	Years attended from to	

3. Description of work performed over the last three years:

4. Institute's/Member State's programme in field of event:

Date: _____ **Signature of applicant:** _____

Date: _____ **Name, signature and stamp of Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority**
