



# **Technical Meeting on Radiation Exposure of Patients from Recurrent Radiological Imaging Procedures**

**IAEA Headquarters  
Vienna, Austria**

**4-6 March 2019**

**Ref. No.: EVT1804987**

## **Information Sheet**

### **Introduction**

Advances in medical imaging and developments in technology have led to a significant growth in the use of imaging, particularly computed tomography, nuclear medicine, and interventional procedures that are associated with a relatively higher radiation exposure to patients. This has heightened concern about the risks to patients of cumulative radiation exposure from recurrent radiological procedures, especially in groups of patients with chronic diseases who need ongoing care, including diagnostic and therapeutic procedures with ionizing radiation. Although most of these procedures are judged medically appropriate, there is an increasing concern regarding the long-term effects, especially cancer.

Published studies have reported that some of these chronic patients received a cumulative effective dose above 100 millisieverts (mSv) over a short period. Most data come from advanced centres in developed countries where there is a need to explore the extent of the issue, study the necessary actions and continue efforts for justification and optimization in medical imaging.

### **Objectives**

The event will review existing evidence on the increased cumulative radiation exposure of patients undergoing recurrent medical imaging procedures, focusing on groups of patients with chronic diseases. Current knowledge and ongoing studies on radiation effects associated with medical radiation exposure will be presented. Based on this, a strategy and actions will be defined to strengthen the radiation protection of this individual group of patients without limiting the medical benefits.

## Target Audience

Participants should be health professionals who are involved in diagnostics and treatment of patients with chronic diseases, radiological professionals and medical physicists from hospitals with a system for monitoring patient doses and tracking patients' radiation history; those who can present their retrospective studies on cumulative exposures from recurrent radiological procedures.

## Working Language(s)

The working language for this event will be 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 **1 February 2019**. 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 above deadline.

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

Please note that the IAEA is in a transition phase to manage the entire registration process for all regular programme events electronically through the new InTouch+ (<https://intouchplus.iaea.org>) facility, which is the improved and expanded successor to the InTouch platform that has been used in recent years for the IAEA's technical cooperation events. Through InTouch+, prospective participants will be able to apply for events and submit all required documents online. National authorities will be able to use InTouch+ to review and approve these applications. Interested parties that would like to use this new facility should write to: [InTouchPlus.Contact-Point@iaea.org](mailto:InTouchPlus.Contact-Point@iaea.org).

## 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 **1 February 2019**.

## 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:  
<http://www-pub.iaea.org/iaeaevents/GeneralInfo/Guide/VIC>.

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.

## IAEA Contacts

### Scientific Secretary:

#### Ms Jenia Vassileva

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Tel.: +43 1 2600 22491

Fax: +43 1 26007

Email: [J.Vassileva@iaea.org](mailto:J.Vassileva@iaea.org)

## **Administrative Coordinator**

### **Ms Janine Foran**

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Department of Nuclear Safety and Security  
International Atomic Energy Agency  
Vienna International Centre  
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Fax: +43 1 26007

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



## Participation Form

### Technical Meeting on Radiation Exposure of Patients from Recurrent Radiological Imaging Procedures

**IAEA Headquarters, Vienna, Austria**  
**4-6 March 2019**

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](mailto: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 [J.Vassileva@iaea.org](mailto:J.Vassileva@iaea.org) and to the Administrative Coordinator [J.L.Foran@iaea.org](mailto:J.L.Foran@iaea.org).

Please attach a passport copy or other document of identification (ID).

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: 1 February 2019**

Family name: (e.g. Smith)	Given name(s): (e.g. John)	Mr <input type="checkbox"/> Ms <input type="checkbox"/>
Institution:		
Full address (office):	Tel.: Mobile: Fax: Email:	
Title of position:		
Nationality:	Representing following Member State/non-Member State/entity or invited organization:	
Description of work relevant to the event:		
Will you present your own data on recurrent imaging procedures, please specify which procedures?		
Requested IAEA funding: Yes <input type="checkbox"/> No <input type="checkbox"/>		



# Grant Application Form

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**Deadline for receipt by IAEA through official channels: 1 February 2019**

Family name: (e.g. Smith)	First name(s): (e.g. John)	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. 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

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