



# **Technical Meeting on Advisory Services for Radiation Protection and Safety for Medical Exposures**

**Virtual Event**

**4 - 6 September 2023**

**Ref. No.: EVT1905723**

## **Information Sheet**

### **Introduction**

IAEA Safety Standards Series No. SF-1, Fundamental Safety Principles, presents the fundamental safety objective and principles of protection and safety. Requirements designed to meet this objective and these principles are established in IAEA Safety Requirements. With regard to medical exposure, requirements are set in the IAEA Safety Standards Series No. GSR Part 3, Radiation Protection and Safety of Radiation Sources: International Basic Safety Standards. Specific recommendations and guidance on fulfilling the requirements of GSR Part 3 with respect to medical uses of ionizing radiation are provided in the Specific Safety Guide on Radiation Protection and Safety in Medical Uses of Ionizing Radiation SSG-46, jointly sponsored by the IAEA and the International Labour Office, the Pan American Health Organization and the World Health Organization

The IAEA has developed mechanisms to verify compliance with these safety standards. One of these mechanisms is the system of review missions and advisory services. However, the existing missions and advisory services do not comprehensively address radiation protection and safety related to medical exposure that includes patients, carers and comforters and volunteers in biomedical research. Medical exposure differs from occupational and public exposure in that persons are deliberately, directly, and knowingly exposed to radiation for their benefit.

While each Member State is responsible for its own system of regulation and monitoring of radiation protection related to medical exposure, it can request the IAEA to provide an assessment of the regulatory

system and its implementation by those entitled in the GSR Part 3. Such an assessment provides an opportunity for a Member State to have its arrangements for radiation protection and safety in medical exposure independently assessed and evaluated in an objective and unbiased manner and to receive advice for improvement.

A number of Member States participating in the Regional Technical Cooperation project for Europe have expressed a need for further assistance and support with the practical application of the safety standards in this specific area. That was the motivation to develop Guidelines for Advisory Missions on Radiation Protection and Safety in Medical Exposure and to conduct a pilot mission in this region.

This mission is considered complementary to other relevant IAEA review missions and advisory services that have components related to medical uses of ionizing radiation. The particular focus of this advisory mission is to provide a comprehensive assessment of the implementation of the IAEA Safety Standards related to medical exposure on a national level considering both regulatory and practical arrangements for radiation protection and safety specific to medical exposure.

The purpose of the event is to exchange experiences and provide advice on the development of and approach for the implementation of advisory services relating to radiation protection and safety for medical exposures.

## **Objectives**

The objectives of the Technical Meeting are:

- to assess the needs for advisory services relating to radiation protection and safety in medical exposures in the Member States and their placement in the IAEA system of review missions and advisory services.
- to provide advice on the developing mechanisms for the implementation of advisory services relating to radiation protection and safety for medical exposures, based on the existing experience from the pilot mission and other similar Agency services.

## **Target Audience**

Member States are invited to designate one or more representatives of the Regulatory Authority, Health Authority and Professional Societies responsible for developing safety requirements for radiation protection in Medical Exposure and their implementation into practice.

Member States are strongly encouraged to identify women participants.

## Working Language

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 **11 August 2023**. 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 technical 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.

## Organization

### Scientific Secretary

#### Mr Ola Holmberg

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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

## Technical Meeting on Advisory Services for Radiation Protection and Safety for Medical Exposures

### Virtual Event

**4 to 6 September 2023**

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, Mr Ola Holmberg, Division of Radiation, Transport and Waste Safety, Department of Nuclear Safety and Security (Email: [O.Holmberg@iaea.org](mailto:O.Holmberg@iaea.org)) and to the Administrative Secretary, Ms Julia Fulford, (Email: [J.Fulford@iaea.org](mailto: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: 11 August 2023

Family name(s):	First name(s):	Mr/Ms
Institution:		
Full address:		
Tel. (Fax):		
Email:		
Nationality:	Representing following Member State/non-Member State/entity or invited organization:	

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.