



IAEA

International Atomic Energy Agency
Atoms for Peace and Development

Regional Training Course on Authorization and Inspection of Radiotherapy Facilities with Linear Accelerators

**Forum of Nuclear Regulatory Bodies in Africa (FNRBA)
Arab Network of Nuclear Regulators (ANNuR)**

**Hosted by the
Government of Nigeria**

**through the
Nigerian Nuclear Regulatory Authority (NNRA)**

Abuja, Nigeria

22–26 May 2023

Ref. No.: EVT2203736

Information Sheet

Introduction

The International Atomic Energy Agency (IAEA) Safety Standards Series No. GSR Part 1 (Rev. 1), Governmental, Legal and Regulatory Framework for Safety, establishes requirements for the authorization and inspections of facilities and activities and development of regulation and guides by the regulatory body.

The application of radiotherapy facilities using Linear Accelerators (LINACs) have been increasing over the past years in Africa and member countries of FNRBA and ANNuR have expressed a need to continue

developing capacity to further strengthen regulatory effectiveness, including developing regulatory requirements and conducting regulatory oversight of radiotherapy facilities using LINACs. In responding to this need, over the past several years the IAEA has developed training material and has conducted various activities aimed at strengthening regulatory bodies' capacity in carrying out their regulatory functions effectively including performing inspections and developing regulations for safety of these facilities.

Objectives

The purpose of the event is to strengthen the capacity of regulatory body staff for carrying out their regulatory functions, including authorization, review and assessment, inspection, and enforcement at facilities using linear accelerators for radiotherapy.

The training course will provide the trainees with the knowledge and understanding necessary for the regulatory body to develop, review or strengthen regulatory requirements and apply proper regulatory control to radiotherapy facilities and activities using LINACs to ensure the safety of patients, workers, and the public.

Target Audience

Participants should be senior staff of regulatory bodies responsible for regulatory supervision of medical facilities and for carrying out the authorization, review, assessment, inspection, and enforcement activities especially in relation to LINAC radiotherapy facilities and activities. Participants could also be trainers who want to train staff in related regulatory functions. Member States are strongly encouraged to identify suitable women participants.

Working Language(s)

The working language of the workshop will be English. Participants should have sufficient proficiency in English to participate in the workshop without difficulty.

Scope and Nature

The training course covers various subjects relating to the technology of linear accelerators and safety considerations, and regulatory requirements and functions applied to LINAC radiotherapy facilities and activities.

The training course consists of lectures and working group sessions. Presentations will be made on the regulatory functions applied to LINAC facilities and activities mainly the authorization, review and assessment, inspection and enforcement. The training course, in addition to presentations, will include

several practical sessions and exercises. Participants will also have the opportunity to work in groups and build networks and a community of practice following the training course.

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 **31 March 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 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.

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 **31 March 2023**.

Venue

The event will be held in Abuja, Nigeria under the auspices of the NNRA.

Visas

Participants who require a visa to enter Nigeria should submit the necessary application as soon as possible to the nearest diplomatic or consular representative of Nigeria.

IAEA Contacts

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

Event Web Page

Please visit the following IAEA web page regularly for new information regarding this event:
www.iaea.org/events/EVT2203736



This project is conducted by the IAEA, with funding by the Republic of Korea, among others.

Participation Form

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Abuja, Nigeria

22–26 May 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 or by fax to: +43 1 26007 (no hard copies needed). Please also send a copy by email to the Scientific Secretary I.Jung@iaea.org and to the Administrative Secretary D.Kochkarova@iaea.org.

Deadline for receipt by IAEA through official channels: 31 March 2023

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:	
If/as applicable: Do you intend to submit a paper? Yes <input type="checkbox"/> No <input type="checkbox"/> Would you prefer to present your paper as a poster? Yes <input type="checkbox"/> No <input type="checkbox"/> Title: I plan to attend virtually: Yes <input type="checkbox"/> No <input type="checkbox"/>		

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.

Grant Application Form

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Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms:
Mailing address:	Tel.:	
	Fax:	
	Email:	
Date of birth (yy/mm/dd):	Nationality:	
I plan to attend virtually:	Yes <input type="checkbox"/> No <input type="checkbox"/>	

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 worked	
			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: _____

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