



IAEA

Átomos para la paz y el desarrollo

الوكالة الدولية للطاقة الذرية

国际原子能机构

International Atomic Energy Agency

Agence internationale de l'énergie atomique

Международное агентство по атомной энергии

Organismo Internacional de Energía Atómica

Vienna International Centre, PO Box 100, 1400 Vienna, Austria

Phone: (+43 1) 2600 • Fax: (+43 1) 26007

Email: Official.Mail@iaea.org • Internet: <https://www.iaea.org>

In reply please refer to: **EVT1805156**

Dial directly to extension: (+43 1) 2600-21663

La Secretaría del Organismo Internacional de Energía Atómica (OIEA) saluda a los Estados Miembros del OIEA y tiene el honor de señalar a su atención la celebración de la **Actividad Conjunta de Capacitación del OIEA y el Laboratorio Nacional de Argonne sobre Auditorías Clínicas Integrales en Radiología de Diagnóstico mediante el Instrumento “Auditoría de Garantía de Calidad para la Mejora y el Aprendizaje en Radiología de Diagnóstico” (QUAADRIL)** (denominada en adelante el “evento”), que tendrá lugar en Houston (Texas, Estados Unidos de América), del **24 al 28 de abril de 2023**.

La finalidad del evento es equipar a los participantes (radiólogos, tecnólogos y físicos médicos) con la competencia y los instrumentos para promover auditorías clínicas como parte de un marco integral de la calidad para la radiología de diagnóstico.

En la reseña informativa adjunta se ofrecen más detalles sobre el evento.

El evento se celebrará en inglés.

Se invita a los Estados Miembros a que designen a tres participantes (un radiólogo, un tecnólogo radiológico y un físico médico) para que representen a su Gobierno en esta actividad, y se los alienta encarecidamente a que seleccionen con ese fin a mujeres calificadas.

Por lo general, el OIEA no está en condiciones de sufragar los gastos de viaje ni de otra índole de los participantes en el evento. No obstante, dispone de fondos limitados para ayudar a cubrir los gastos de asistencia de determinados participantes. Esa ayuda puede ofrecerse normalmente, previa solicitud expresa, a un participante por país siempre que, en opinión del OIEA, la persona para la que se solicite pueda hacer una contribución importante al evento. La solicitud de apoyo financiero debe presentarse en el momento de la designación de los participantes mediante el formulario de solicitud de subvención adjunto (Formulario C).

Cabe señalar que el OIEA no paga ninguna indemnización por daños o pérdida de efectos personales. Tampoco proporciona seguro médico a los participantes en eventos del OIEA. Por lo tanto, se recomienda que estas personas adopten las medidas necesarias para contratar por su cuenta un seguro privado. No obstante, el OIEA cubrirá mediante un seguro los accidentes y las enfermedades claramente relacionados con los servicios prestados al OIEA.

Las designaciones deben presentarse al OIEA por conducto de la autoridad nacional competente (el Ministerio de Relaciones Exteriores, la Misión Permanente ante el OIEA o la Autoridad Nacional de Energía Atómica), a más tardar el **20 de enero de 2023**, por medio del formulario de participación adjunto (Formulario A). Los formularios de participación debidamente cumplimentados y autorizados deben enviarse por correo electrónico a la dirección Official.Mail@iaea.org o por fax al número: +43 1 26007 (no se precisan copias impresas). Asimismo, han de enviarse copias por correo electrónico a la Secretaria Científica del evento, Sra. Virginia Tsapaki, División de Salud Humana, Departamento de Ciencias y Aplicaciones Nucleares (correo electrónico: V.Tsapaki@iaea.org), y a la Secretaria Administrativa, Sra. Simona-Mihaela Ciortan (correo electrónico: S.M.Ciortan@iaea.org). Una vez recibidas las designaciones oficiales, la Secretaria Científica del evento contactará directamente a los participantes en relación con otras cuestiones de organización, como los detalles del viaje, según proceda.

En caso de que los Gobiernos desearan, además, nombrar a uno o más observadores para que prestasen asistencia y asesoramiento a los participantes designados, se les ruega que comuniquen al OIEA el nombre y las señas de esos observadores a más tardar en la fecha antes indicada. De conformidad con las normas establecidas, corresponde a los Gobiernos sufragar los gastos de asistencia de los observadores que envíen a los eventos del OIEA. Este no paga ninguna indemnización por daños o pérdida de efectos personales de los observadores, ni por enfermedad, lesión o fallecimiento durante los viajes o en relación con su asistencia a los eventos del OIEA.

La Secretaría del Organismo Internacional de Energía Atómica aprovecha esta oportunidad para reiterar a los Estados Miembros del OIEA el testimonio de su distinguida consideración.



23 de diciembre de 2022

Documentación adjunta (en inglés únicamente):

Reseña informativa

Formulario de participación (Formulario A)

Formulario de solicitud de subvención (Formulario C)



Joint IAEA and Argonne National Laboratory Training Activity on Comprehensive Clinical Audits in Diagnostic Radiology under the Quality Assurance Audit for Diagnostic Radiology Improvement and Learning (QUAADRIL) Tool

Hosted by the

Government of the United States of America

through the

Argonne National Laboratory at MD Anderson Cancer Center

Houston, TX, United States of America

24 to 28 April 2023

Ref. No.: EVT1805156

Information Sheet

Introduction

Quality Assurance is a key component of diagnostic radiology, being driven by a number of factors that include: (i) the high cost/complexity of radiological equipment, (ii) the need for patient dose optimization and (iii) the importance of radiological diagnosis to patient management within the health care environment.

One of the key elements within the framework of quality is the comprehensive and critical review of practice in a medical radiation facility. This audit process is synonymous with an independent external evaluation, assessment or peer review. Its significance is acknowledged both in the International and the European Basic Safety Standards.

The IAEA further recognizing the importance of comprehensive quality audits in Diagnostic Radiology provides support to its Member States in terms of:

- **Development of guidelines.** Human Health Series No.4 entitled “Comprehensive Clinical Audits of Diagnostic Radiology Practices”, known as QUAADRIL (Quality Assurance Audit for Diagnostic Radiology Improvement and Learning) is the latest addition to the auditing methodologies toolbox. It can be used both as an auditing tool, but also as a tool for the development of a quality framework.
- **Training of auditors.** As the QUAADRIL methodology can be used by Member States to develop their individualized auditing process, the IAEA supports the training of future auditors through training courses and workshops.
- **Functioning as the independent auditing body.** Following corresponding requests, usually linked, but not limited to relevant TC projects, the IAEA is responsible for forming the auditing team, assuring the principle of independency between the auditors and the audited department.

Objectives

The overall objective is for delegates to be equipped with the competences and tools to develop and support a comprehensive quality framework for a radiology department, leading to improved patient care.

Specific objectives of this course will be:

- to provide delegates with an understanding of a quality manual and the associated quality systems which underpinned it.
- to provide delegates with an understanding of each profession contribution to the framework of quality, as described in the IAEA QUAADRIL methodology.
- to provide support to strengthening the multidisciplinary approach to developing and sustaining quality systems in diagnostic and interventional radiology.

The course will help participants understand the QUAADRIL audit methodology, its requirements and the roles and responsibilities of stakeholders in the audit process.

Target Audience

Noting that the scope of the training course is related to enhancing patient care in diagnostic and interventional radiology, a complete team of collaborating professionals (radiologist, radiographer/radiation technologist and a medical physicist) should be nominated by each Member State to strengthen teamwork and facilitate initiation of relevant activities in the Member States.

The participants should be:

- a radiologist providing diagnostic or interventional services, preferably with administrative experience,
- a medical physicist providing services in a clinical environment, performing QC and dosimetry procedures for diagnostic radiology,
- a senior radiographer/radiation technologist providing administration of clinical services in diagnostic radiology.

The participants ideally should be familiar with Quality Management Systems and formal Quality Assurance procedures.

This course is not intended for participants working for regulatory authorities or as inspectors.

Working Language(s)

English

Expected Outputs

The expected outputs will be to make participants acquainted with different components of a formal quality system for radiology. Different professionals (radiologists, medical physicists, and radiographers/radiation technologist) will have different expected outputs. Detailed information is provided in the subsequent topics.

Topics

The main topics of this course will be:

- Basics of quality
- Assessment of quality
- How to measure quality/performance indicators
- Drafting formal procedures
- Equipment specific QA/QC and dosimetry requirements
- Optimization from the radiologist/medical physicist/radiographer perspective
- Incident reporting systems
- Introduction to Quaadril
- Introduction to clinical audit

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 **20 January 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 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. Further information can be found in the Data Processing Notice concerning IAEA InTouch+ platform.

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 **20 January 2023**.

Visas

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

Organization

Scientific Secretary

Ms Virginia Tsapaki

Division of Human Health

Department of Nuclear Sciences and Applications

International Atomic Energy Agency

Vienna International Centre

PO Box 100

1400 VIENNA

AUSTRIA

Tel.: +43 1 2600 21663

Fax: +43 1 26007

Email: V.Tsapaki@iaea.org

Co-Scientific Secretary

Mr Olivier Pellet

Division of Human Health
Department of Nuclear Sciences and Applications
International Atomic Energy Agency
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA

Tel.: +43 1 2600 21673

Fax: +43 1 26007

Email: O.Pellet@iaea.org

Administrative Secretary

Ms Simona-Mihaela Ciortan

Division of Human Health
Department of Nuclear Sciences and Applications
International Atomic Energy Agency
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA

Tel.: +43 1 2600 21634

Fax: +43 1 26007

Email: S.M.Ciortan@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

Joint IAEA and Argonne National Laboratory Training Activity on Comprehensive Clinical Audits in Diagnostic Radiology under the Quality Assurance Audit for Diagnostic Radiology Improvement and Learning (QUAADRIL) Tool

Houston, TX, United States of America

24 to 28 April 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, Ms Virginia Tsapaki, Division of Human Health, Department of Nuclear Sciences and Applications (Email: V.Tsapaki@iaea.org) and to the Administrative Secretary, Ms Simona-Mihaela Ciortan, (Email: S.M.Ciortan@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: 20 January 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	No
Would you prefer to present your paper as a poster?	Yes	No
Title:		

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 as per Conference Announcement.

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**
