



# **Regional Workshop on Quality and Safety in Diagnostic and Interventional Radiology, Organized in Conjunction with the 10th EURASIAN Radiology Forum**

**Hosted by**

The Government of Kazakhstan

**through the**

National Research Cardiac Surgery Center

Astana, Kazakhstan

**27 to 30 June 2023**

**Ref. No.:** ME-RER6042-2302103

## **Information Sheet**

### **Purpose**

The purpose of the event is to discuss and share experience in quality and safety in diagnostic and interventional radiology through implementation of the requirements of the International Basic Safety Standards - General Safety Requirements (GSR) Part 3.

### **Working Language(s)**

The working language(s) of the event will be Russian.

## **Deadline for Nominations**

Nominations received after 3 May 2023 will not be considered.

## **Project Background**

A successful implementation of the International Basic Safety Standards GSR Part 3 requirements related to medical uses of ionising radiation is a significant challenge. A review of the available data revealed many gaps related to the implementation of the GSR Part 3 requirements related to medical uses of ionising radiation. In spite of heterogenous nature of these gaps due to different healthcare and development levels, the overarching problem for all member states was lack of medical physicists in the field of diagnostic radiology. Development of new technology in different modalities in diagnostic and interventional radiology has led to the need for greater involvement of medical physicists in clinical practice. This has been recognized in the International Basic Safety Standards GSR Part 3, according to which a medical physicist working in a clinical environment is “a health professional, with specialist education and training in the concepts and techniques of applying physics in medicine, and competent to practice independently in one or more of the subfields (specialties) of medical physics”. Another common gap is lack of the efficient quality assurance programmes in place. Quality assurance provides framework for quality and safety in diagnostic an interventional radiology. Its overall success highly depends on proper utilization of resources and involvement of the related health care professions and their professional societies, specialists from health authorities and from regulatory bodies.

The need for discussion in Russian language on these topics has been previously identified, and this workshop will aim to transfer the current knowledge and good practices to relevant professionals and stakeholders in the sub-region.

## **Scope and Nature**

The meeting will consist of two parts. In the first three days (27-29 June 2023) the participants will attend the Regional Workshop, that shall consist of lectures and practical sessions dedicated to the implementation of quality and safety in diagnostic and interventional radiology, importance of the teamwork, roles and responsibilities of different professional groups and relevant stakeholders. Specific issues around optimization, role of quality assurance (QA) programme and relevant regulatory framework will be discussed.

In the last day (30 June 2023) the participant will attend the 10th EURASIAN Radiological Forum and will contribute to the Joint meeting of the IAEA and Radiological Society of Kazakhstan on Quality and Safety in Diagnostic and Interventional Radiology”.

# Participation

The meeting is open to 25 participants from TCEU Member States participating in the projects: RER6042 “Building Capacities of Medical Physicists in Diagnostic Radiology to Support the Establishment of Quality Management Systems” and RER9157 “Strengthening Implementation of the Justified and Optimized Use of Ionizing Radiation in Medicine”.

Each country is invited to nominate two participants who must match the profile described in the corresponding paragraph, indicating the order of priority.

## Participants’ Qualifications and Experience

Participants should be medical professionals performing X ray imaging procedures (radiologists and radiographers, medical physicist, representatives of relevant national professional societies or relevant national authorities with role for radiation protection in diagnostic and international radiology. If more than one participant is nominated, they should represent different bodies and different professional groups relevant to X-ray imaging. Nominated participants should be familiar with the current status, issues, and plans, and be able to influence the implementation of the formulated actions for strengthening quality and safety in X ray imaging. Preference will be given to candidates from teaching medical centres or similar institutions in position to further disseminate the acquired knowledge to their peers and discussion makers in their respective countries. The nominations should contain sufficient information to ascertain the nominees have the required qualifications.

As the event will be conducted in Russian, participants should have sufficient proficiency to follow lectures and express themselves in this language without difficulty.

## Application Procedure

Candidates wishing to apply for this event should follow the steps below:

1. Access the InTouch+ home page (<https://intouchplus.iaea.org>) using the candidate’s existing Nucleus username and password. If the candidate is not a registered Nucleus user, she/he must create a Nucleus account (<https://websso.iaea.org/IM/UserRegistrationPage.aspx>) before proceeding with the event application process below.
2. On the InTouch + platform, the candidate must:
  - a. Finalize or update her/his personal details, provide sufficient information to establish the required qualifications regarding education, language skills and work experience (‘Profile’ tab) and upload relevant supporting documents;
  - b. Download and complete the [Designation of Beneficiary and Emergency Contact Form](#), and upload to InTouch+ (‘Profile’ tab under the personal section) specifying the document name. If already provided, kindly discard this step; and
  - c. Search for the relevant technical cooperation event (EVT2302103) under the ‘My Eligible Events’ tab, answer the mandatory questions and lastly submit the application to the required authority.

**NOTE:** Completed applications need to be approved by the relevant national authority, i.e. the National Liaison Office, and submitted to the IAEA through the established official channels by the provided designation deadline.

For additional support on how to apply for an event, please refer to the [InTouch+ Help page](#). Any issues or queries related to InTouch+ can be addressed to [InTouchPlus.Contact-Point@iaea.org](mailto:InTouchPlus.Contact-Point@iaea.org).

Should online application submission not be possible, candidates may download the nomination form for the meeting from the [IAEA website](#).

**NOTE:** A medical certificate signed by a registered medical practitioner dated not more than four months prior to starting date of the event must be submitted by candidates when applying for a) events with a duration exceeding one month, and/or b) all candidates over the age of 65 regardless of the event duration.

## **Disclaimer of Liability**

The organizers of the event do not accept liability for the payment of any cost or compensation that may arise from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the course, and it is clearly understood that each Government, in approving his/her participation, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.

nearest the duty station through the IAEA's travel agency AX Travel Management, or a travel allowance, or they will be reimbursed travel by car/bus/train in accordance with IAEA rules for non-staff travel.

## **Note for female participants**

Any woman engaged by the IAEA for work or training should notify the IAEA on becoming aware that she is pregnant.

The Board of Governors of the IAEA approved new International Basic Safety Standards for Protection against Ionizing Radiation and for the Safety of Radiation Sources. The Standards deal specifically with the occupational exposure conditions of female workers by requiring, inter alia, that a female worker should, on becoming aware that she is pregnant, notify her employer in order that her working conditions may be modified, if necessary. This notification shall not be considered a reason to exclude her from work; however, her working conditions, with respect to occupational exposure shall be adapted with a view to ensuring that her embryo or foetus be afforded the same broad level of protection as required for members of the public.

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