

From Regulation to Clinical Practices: Ensuring Safety and Quality of Medical Radiological Procedures in Europe and Central Asia

Tuesday, 29 September, 2020

13h00 – 14h15

Online

Millions of patients globally benefit from medical uses of ionizing radiation every year. Because of the associated radiation exposure, a systematic approach should be applied to ensure that there is a balance between utilizing the benefits and minimizing the risk for patients, workers and members of the public. Through its Technical cooperation programme, the IAEA assists Member States in getting access to medical radiation technologies and building capacity for their safe use. Governments, regulatory bodies and medical radiological facilities worldwide must ensure that the IAEA safety standards, recommendations and guidance are used to establish a national framework and integrate radiation protection and safety within the larger system for ensuring high quality healthcare.

This GS 2020 side event will present the status, good practices, challenges and common issues in the implementation of the International Basic Safety Standards, GSR Part 3, in the TC region of Europe and Central Asia, based on the analyses of information in the IAEA database RASIMS 2.0, TSA3, Radiation protection in medical exposure. A recent survey regarding the availability of medical physicists in the region based on the implementation of the IAEA imaging medical physics staffing needs algorithm and possible steps forward will also be presented. The final goal is to suggest ways forward for ensuring safety and quality of medical radiological procedures for the direct benefit of patients.

13.00 – 13.05	Introduction/Welcome	A. Katukhov, IAEA/TCEU
13.05 – 13.20	Status of Radiation Protection in Medical Exposure in the Region	D. Žontar, Slovenia
13.20 – 13.35	IAEA role for strengthening radiation protection of individuals undergoing medical exposure	J. Vassileva, IAEA/NSRW
13.35 – 13.50	Quality and safety in radiology	V. Tsapaki, IAEA/NAHU
13.50 – 14.05	Medical physics staffing needs in imaging	A. Bjeganovic, Bosnia and Herzegovina
14.05 – 14:15	Questions and Discussion	