UNSCEAR
United Nations Scientific Committee on the Effects of Atomic Radiation

Launch of UNSCEAR 2020/2021 REPORT, ANNEX A:

EVALUATION OF MEDICAL EXPOSURE TO IONIZING RADIATION

Wednesday, 25 May 2022, 1–2.30 p.m. (CEST)

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To participate, please register to **MS TEAMS**

The United Nations Scientific Committee on the Effects of Atomic Radiation (UNSCEAR) was established by the United Nations General Assembly in 1955 to independently assess and report on the levels and effects of exposure to ionizing radiation. Governments and international organizations throughout the world use the Committee's estimates as the scientific basis for evaluating radiation risk and for deciding on protective measures.

The Committee has regularly provided information on medical exposure since its inception, and it has been estimating global exposure by reviewing the literature and conducting global surveys in cooperation with the World Health Organization. These surveys aimed to acquire new data on medical exposure in addition to those in the published literature.

The UNSCEAR 2020/2021 Report, Annex A "Evaluation of Medical Exposure to Ionizing Radiation" presents the latest Committee's global estimate of world-wide medical exposure over the period 2009-2018 based on frequency of examination and dose data of patients as part of their diagnosis or treatment. The main source of data was the UNSCEAR Global Survey, which collects information about the worldwide practice arising from the diagnostic and therapeutic uses of ionizing radiation in medicine. The UNSCEAR Global Survey was conducted together with the World Health Organization through the establishment of arrangements for cooperation.

The webinar is aimed at experts, medical professionals, and decision makers from scientific, research, regulatory, and diplomatic communities of the United Nations Member States and international organizations. It will present the key findings and trends of the recently published scientific annex (May 2022).

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PROVISIONAL AGENDA

Moderation

Dr Ferid Shannoun, Deputy Secretary of UNSCEAR

Dr Emilie van Deventer, Head Radiation and Health Unit, WHO

1. Introduction (~10 min)

Ms Borislava Batandjieva-Metcalf, Secretary of UNSCEAR

Dr Maria Neira, Director Department of Environment, Climate Change and Health, WHO

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2. Presentation of the UNSCEAR Report 2020/2021, Annex A "Evaluation of Medical Exposure to Ionizing Radiation" (~40 min)

Dr Ferid Shannoun, Deputy Secretary of UNSCEAR

Dr Peter Thomas, Chair Medical Expert Group, Australia

3. Questions and Answers (~40 min)

Panel

Dr Peter Thomas, Australia

Dr Elke Nekolla, Germany

Mr Hannu Jarvinen, Finland

Dr Elina Samara, Switzerland

Dr Richard Smart, Australia

Dr Geoffrey Ibbott, United States

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Questions can be posed during the Webinar using the chat function
or in advance to the UNSCEAR secretariat (unscear@un.org)
with copy to Ms Stella Langthaler (stella.langthaler@un.org).

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For further technical assistance, please contact:

Mr Moritz Zimmermann (moritz.zimmermann@un.org)

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SPEAKERS/PANEL

Ms Borislava Batandjieva-Metcalf, UNSCEAR. Secretary of the Committee

Dr Maria Neira, WHO. Director Department of Environment, Climate Change and Health

Dr Peter Thomas, Australia. Chair of the medical exposure expert group and lead writer of the medical exposure annex

Dr Elke Nekolla, Germany. Lead writer of the methodology and uncertainty appendix

Mr Hannu Jarvinen, Finland. Lead writer of the diagnostic radiology appendix

Dr Elina Samara, Switzerland. Lead writer of the appendix on interventional radiology

Dr Richard Smart, Australia. Lead writer of the nuclear medicine appendix

Dr Geoffrey Ibbott, United States. Lead writer of the radiation therapy appendix

Dr Emilie van Deventer, WHO. Head of Radiation and Health Unit

Dr Ferid Shannoun, UNSCEAR. Senior Scientific Officer and Deputy Secretary