

ICRP Committee 3 Meeting

8-11 November 2018, Beijing, China

The meeting was hosted by C3 member Dr Yantao Niu and Chinese Society of Imaging Technology (CSIT) and held concurrently with the Annual Congress of the Chinese Society of Radiology (CSR), where the leadership of the International Society of Radiographers and Radiological Technologists (ISRRT) also participated. There was half a day educational program organized by CSIT to benefit congress participants with expertise of C3 members.

TG 79 (C2): The Use of Effective Dose as a Risk-related Radiological Protection Quantity.

Comments received from public consultation were discussed.

TG 108 (C3): Optimisation of Radiological Protection in Digital Radiography, Fluoroscopy, and CT in Medical Imaging. An outline has been drafted.

TG 109 (C3/C4): Ethics in Radiological Protection for Medical Diagnosis and Treatment

An outline has been drafted. Further inputs are expected from the C4 meeting in Abu Dhabi.

TG 110 (C3/C4): Radiological Protection for Occupational and Public Exposure in Veterinary Practice. The mandate of the TG may be extended to include protection of the exposed animals, as a result of the TG 107 report presented at the MC meeting in Stockholm.

TG 89 (C3): Occupational Radiological Protection in Brachytherapy: The draft report is at advanced stage which will be reviewed by the C3 critical reviewers.

TG111 (C1/C3): Factors Governing the Individual Response of Humans to Ionising Radiation.

TG members are going to participate in the ICRP-QST-RERF Workshop on Individual Response to Ionising Radiation during 6-12 December 2018 and to discuss the next steps.

TG 36 (C2/C3): Radiation Dose to Patients from Radiopharmaceuticals: A list of 98 substances to be included in the revision of Publication 128 has been prepared by the TG and a draft report shall be sent to C3 and C2 before their 2019 annual meetings.

WP on Justification: Framework for Justification in Medical Uses of Ionizing Radiation. An article will be published in a high-impact journal.

WP on ICRPaedia: C3 will develop a list of possible C3 topics for review and uptake by project members.

WP on Radiological Protection in PET/CT. Findings will be reviewed and presented at the 2019 meeting. Formation of a new TG shall be discussed based on the findings.

Topics listed as potential future projects from minutes of C3 meeting 2017:

- *Radiological protection aspects in daily imaging in radiotherapy:* Terms of reference for a new task group will be prepared and presented at the 2019 meeting.
- *Overexposures and unintended exposures in diagnostic and interventional procedures:* IAEA is working on this.
- *Use of ionising radiation (DXA) in sports performance assessment:* The UK Department of Health and Social Care (DHSC) is working on a report. This will be reviewed at the 2019 meeting.
- *Radiological protection of individual patients:* The topic needs to be further developed either through a WP or a TG, as appropriate.
- *Economic factors in evaluation of radiation protection practices:* A report may be published in a peer reviewed journal.
- *Reference Organ and Effective Dose Coefficients for Common Diagnostic X-Ray Imaging Examinations:* A joint TG with C2 may be proposed.
- *Radiological protection of pre-mature neonates.* Further discussion is needed.

ICRP Glossary: C3 will continue its contribution to the ICRP Glossary project.

Educational material: C3 is going to develop a set of slides summarising C3 publications.