

## ICRP Committee 3 Meeting

6<sup>th</sup> – 11<sup>th</sup> November 2023, Tokyo

A meeting of ICRP Committee 3 (C3) was held over 3 days between the 6<sup>th</sup> and 11<sup>th</sup> November around the ICRP 2023 symposium held at the Grand Nikko Daiba Hotel, Tokyo. The Committee was pleased to welcome external observers to the meeting: Ola Holmberg (IAEA), Emilie van Deventer (WHO), Filip Vanhavere (EURADOS) and Naoki Kodama (ISRRT). Marie-Claire Cantone represented IRPA and Medan Rehani, IOMP.

**TG 108 Optimisation of Radiological Protection in Digital Radiology Techniques for Medical Imaging** – The final version of Part 1 of the TG108 report has been completed and is to be published as ICRP publication 154. Part 2 will be submitted to the next MC meeting for approval. .

**TG 109 Ethics in Radiological Protection for Medical Diagnosis and Treatment** – The final report has been accepted for publication.

**TG111 Radiobiological coefficients**. A draft will be circulated in early 2024.

**TG113 Reference Organ and Effective Dose Coefficients for Common Diagnostic X-ray Imaging Examinations** – The first draft of the radiography report has been circulated for comment. The CT report is being drafted. Work on the FGI and paediatric fluoroscopy projects continues.

**TG 114 (C4) Tolerability and Reasonableness** - Concepts around reasonability and tolerability in Medical Exposures continue to be explored. Case based examples to be included in the final report.

**TG 116 Radiological Protection in Imaging in Radiotherapy** – The report continues its drafting cycle and an in-person meeting is planned for spring 2024. A project on dosimetry in cone beam CT dosimetry continues with input from mentees representing 22 countries.

**TG 117 Radiological Protection in PET/CT** – The report was undergoing public consultation at the time of the meeting. The consultation ended in December 2023.

**TG118 RBE** An initial draft format for the report has been agreed.

**TG119 Circulatory System** Work on drafting a report continues.

**TG126 Human Biomedical Research** – Since the initial meeting in Vancouver the TG has met three times to discuss the content of the report. The structure remains like that of Publication 62 but chapter on education and training has been included.

**TG128 Stratification and Individualisation of Dose** – This Task Group has just been established and had not met at the time of the committee meeting.

**Working party on AI** – The work of the WP - which monitors the uses of AI in X-ray and nuclear medicine imaging - was discussed. Broadening the scope to include Radiotherapy was considered.

**Advanced Therapies WP** Work continues.

**Meetings with other committees**. Constructive and interesting meetings were held with each of the three other ICRP committees. Areas of overlap were discussed with each committee.

**Presentations for other societies**. Representatives from IAEA, WHO, ISRRT, EURADOS, IRPA and IOMP presented their organisations' perspectives to the committee.