

ICRP Committee 3 Virtual Meeting (VM)
VM# 1 Thursday 8th Oct 2020; VM#2 Thursday 19th Nov 2020

Task Groups:

TG 36 (C2/C3): Radiation dose to patients in diagnostic nuclear medicine: A mobile dose viewer App with all data in ICRP Publication 128 has been developed and will be made publicly available in coming months. Revision of P 128 is in progress.

TG 89 (C3): Occupational Radiological Protection in Brachytherapy: The public consultation is scheduled to be completed by 22nd Jan 2021.

TG 108 (C3): Optimisation of Radiological Protection in Digital Radiography, Fluoroscopy, and CT in Medical Imaging. The draft document is being reviewed by C3 and the document is likely to be divided in two parts.

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

The document will have significant coverage of case scenarios for teaching purposes.

TG 110 (C3/C4): Radiological Protection for Occupational and Public Exposure in Veterinary Practice. The draft would be circulated to C3 with comments requested by 1st February.

TG111 (C1/C3): Radiation protection in medicine related to individual radio-susceptibility. The Table of Contents has been agreed upon and drafting is in progress. A draft for comments is likely to be available at end of 2021.

TG 113 (C2/C3). Reference Organ and effective dose coefficients for common diagnostic x-ray imaging examinations. Radiographic projections that have been modelled are: PA Chest, AP Abdomen, AP Lumbar Spine, Lateral Lumbar Spine, AP Pelvis. Those currently being modelled are: AP Mobile Chest, Lateral Chest, Obl Lumbar Spine, Cervical Spine (AP and Lateral), Thoracic Spine. Suitable spectra and projections have yet to be identified for paediatric models.

TG 116: Radiological protection aspects of imaging in radiotherapy. The TG began preparation of the first draft of the report at the start of 2020. Half of the chapters have so far been prepared and reviewed.

TG 117: Radiological protection in PET and PET/CT. The second draft was compiled in Nov 2020 with updated chapters and will be sent out for comments in December 2020. The third draft is expected by July 2021, to be distributed to C3.

Current and New Working Parties:

WP (Alpha theranostics). ToR and possible membership of TG was presented. Attempt will be made to have wider representation in TG.

WP (completed) on ICRPaedia: C3 content. In about one month period there were 9518 visits from ~ 7000 unique IP addresses. The top terms included absorbed dose/ dose equivalent. Further work needs to be done relative to adding more infographics, to improve the text for lay audiences and to expand content.

WP (completed) ICRP Glossary. ICRP awaits a person to look after this activity.

WP on cumulative doses. Many journal publications have occurred, and this topic will remain on watch for further actions as radiological protection of patients receiving high cumulative doses is of interest.

WP Update of ICRP P62 of 1992 on biomedical research. A WP is in progress.

WP (new, with C4): RP in Production and Transport of Radiopharmaceuticals. This topic will be discussed in future meetings.