

**Summary of the ICRP Committee 2 Virtual Meeting – November 2-4, 2021**

C2 held a series of Zoom meetings on 2nd, 3rd and 4th November 2021 attended by 24 participants: 18 C2 members, 4 observers from IAEA, ICRU and EURADOS and 2 guests (R. Leggett and Bango Shin).

**Topics:**

1. Introduction from C2 (new term) members and observers
2. C2 Priorities towards new RP recommendation based on the conclusions of the ICRP Workshop

**C2 Task Groups**

3. Radiopharmaceutical Dosimetry – TG 36 (C2+C3) *A. Giussani and M. Anderson*  
Update of ICRP *Publication 128* and Dose Viewer App: revision of the compartmental biokinetic models of the radiopharmaceuticals and the development of new ones for new substances
4. Internal Dose Coefficients – TG 95 *F. Paquet*  
OIR (Occupational Intakes of radionuclides) and forthcoming EIR (Environmental Intakes of radionuclides) series of publications. After OIR P5 (*ICRP 151*, in press) OIR Data Viewer will be updated.
5. Computational Phantoms and Radiation Transport – TG 96 *D. Jokish*  
Update of the Paediatric Specific Absorbed Fractions (SAFs): (1) generation of age-dependent SAFs needed for ICRP dose calculations and (2) preparation of the text of the Paediatric SAF Document.
6. Mesh-Type Reference Computational Phantoms – TG 103 *C. Kim, Bangho Shin*  
Developments of mesh type computational (adult and paediatric) phantoms, including the mesh pregnant parent female phantom. Development of McSEE code (Monte Carlo simulations for external exposures).
7. Emergency Dosimetry – TG112 *V. Berkovskyy*  
Assessments of internal and external exposures in emergency preparedness and response
8. Dose coefficients for diagnostic x-ray imaging – TG113 (C2+C3) *N. Petoussi-Hens*  
Reference organ and effective dose coefficients for common diagnostic x-ray imaging examinations using ICRP voxel phantoms for adults and children considering CT, radiography and fluoroscopy procedures.

**Other Task Groups with C2 members**

9. Detriment Calculation Methodology (C1) - TG 102 *F. Bochud*
10. Doses and risks for RP of astronauts (C1) – TG 115 *T. Sato, A. Ulanowski*
11. RBE, Q,  $w_R$  (C1) WP– TG 118 *T. Sato, F. Bochud*
12. Cardiovascular diseases – TG 119 *C. Lamart*
13. RP for Radiation Emergencies and Malicious Events – TG 120 *V. Berkovskyy*
14. WP - Proposal of C2+C3 TG – “Individual (patient specific) Effective Dose” *Bochud, Paquet, López*

**Other topics**

15. Dosimetry for non-human biota *A. Ulanowski / F. Paquet*
16. Proposal of Internal Reviewers in C2, C2 Publication Plan and C2 Mentee program *F. Bochud*
17. Positive feedback from C2 observers - *R. Tanner and T. Otto*

Next C2 meeting will take place on 6, 11 and 12 November 2022 in Vancouver (Canada).