# International Commission on Radiological Protection

# **ICRP Committee 3: Radiological Protection in Medicine**

Committee 3 (C3) addresses protection of persons and unborn children when ionising radiation is used in medical diagnosis, therapy, and biomedical research, as well as protection in veterinary medicine.



#### Members

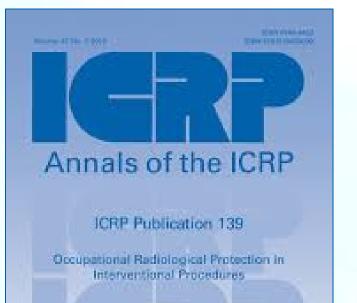
**Kimberly Applegate** (Chair), University of Kentucky (retired), USA **Colin Martin** (Vice-Chair), University of Glasgow, UK Madan M. Rehani (Secretary), Massachusetts General Hospital, USA Jamila Salem Alsuwaidi, Dubai Health Authority, UAE Michel Bourguignon, IRSN, France Maria-Claire Cantone, University of Milan, Italy Sandor Demeter\*, University of Manitoba, Canada Makoto Hosono, Kindai University, Japan **Keon Kang**, Seoul National University, Korea **Reinhard Loose**, Hospital Nuremberg, Germany Josep M. Marti-Climent, Clinica Universidad de Navarra, Spain Yantao Niu, Tongren Hospital, China **Claudia E. Ruebe\***, Saarland University, Germany William Small\*, Loyola University, USA **David Sutton**, University of Dundee, UK Lodewijk Van Bladel, FANC, Belgium \*not pictured

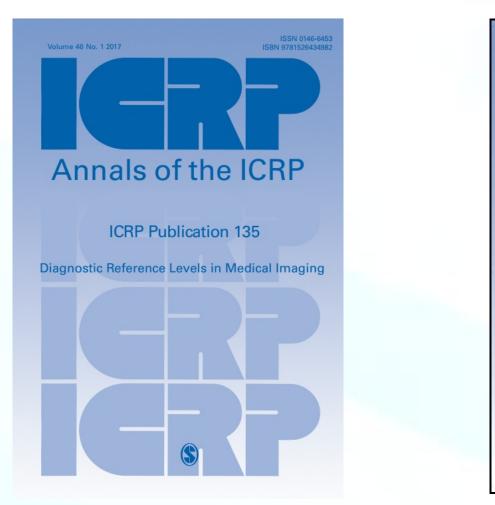
## **Current Work**

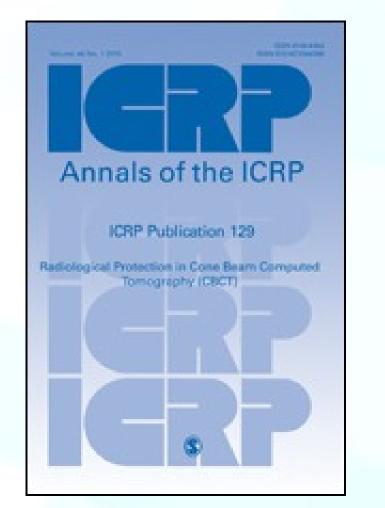
Task Group 36: Radiation Dose to Patients in Diagnostic Nuclear Medicine

Task Group 89: Occupational Radiological Protection in

### **Recent Publications**







#### Brachytherapy

Task Group 101: Radiological Protection in Therapy with Radiopharmaceuticals

Task Group 108: Optimisation of Radiological Protection in Digital Radiography, Fluoroscopy and CT in Medical Imaging

Task Group 109: Ethics in Radiological Protection for Medical Diagnosis and Treatment

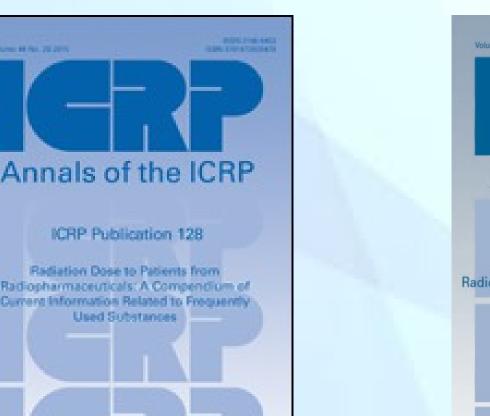
Task Group 110: Radiological Protection in Veterinary Practice

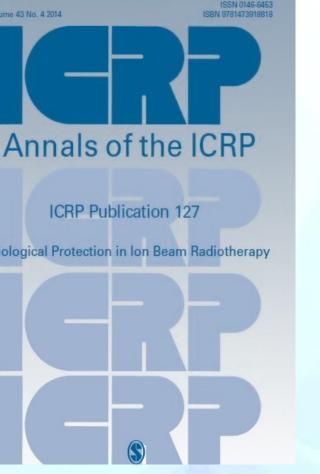
Task Group 111: Factors Governing the Individual Response of Humans to Ionising Radiation

Task Group 113: Reference Organ and Effective Dose Coefficients for Common Diagnostic X-Ray Imaging Examinations

#### **Looking Ahead**









ICRP Publication 121

iological Protection in Paediatric Diagnostic and Interventional Radiology

- Reports approved for publications: TG 79 (C2, C3): The use of dose quantities in radiological protection; TG101 report (see Poster of ICRP Publication 140)
- Working Parties on Radiological protection in PET/CT;
  Radiological protection aspects of imaging in radiotherapy
- Future: Radiological protection of individual patients