Overview of ICRP Committee 2: Doses from Radiation Exposure

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The focus of the International Commission on Radiological Protection (ICRP) Committee 2 work is the computation of new dose coefficients following *Publication 103* The 2007 Recommendations. It is important that the methodology used to calculate doses is examined and updated as necessary to ensure that it is used in accordance with the most current scientific knowledge. For the first time, a set of reference computational phantoms is being developed, based on medical imaging data, and used for radiation transport calculations. Biokinetic models used to describe the behaviour of radionuclides in body tissues are being updated, also leading to changes in organ doses and effective dose coefficients. Dose coefficients for external radiation exposure of adults calculated using new reference phantoms were issued as *Publication 116*, jointly with the International Commission on Radiation Units and Measurements (ICRU). Forthcoming reports will provide internal dose coefficients for radionuclide inhalation and ingestion by workers and associated bioassay data. Work is in progress to revise internal dose coefficients for members of the public and for the first time to provide reference values for external exposures of the public. The Committee is also working with Committee 3 on dose coefficients for radiopharmaceuticals and leading a cross-Committee initiative to give advice on the use of effective dose. Joint work with ICRU is in progress to update the operational quantities used in the measurement of external radiation exposures.