According to the UNSCEAR (United Nations Scientific Committee on the Effects of Atomic Radiation) Report (2008), in our days, 3600 million diagnostic X-ray procedures are performed yearly all over the world. X-ray diagnostics is indispensable part of modern medicine. The benefit of a justified X-ray procedure is much higher, than the risk connected to application of ionizing radiation. However, any exposures arising from unjustified X-ray procedures are prohibited. Several research projects are coordinated and sponsored by the EU, the International Atomic Energy Agency and other international organizations in the following fields: improve the methods of measure and calculation of patient exposures, national and international surveys of patient doses, optimization of patient exposures. In Hungary, these kinds of research activities are performed by the National Research Institute for Radiobiology and Radiohygiene. Ferenc Giczi is an active participant of the research team for years. CONTACT PERSON: Dr. Giczi Ferenc PhD egyetemi docens CONTACT INFORMATION: E-mail: giczif@sze.hu, Telefon: (96) 503-465 REFERENCES: F. Giczi, S. Pellet, I. D. McLean, A. Meghzifene: Mammography Patient Dose Measurements Using the Methodology of the International Code of Practice for Dosimetry in Diagnostic Radiology, International Conference Radiation Protection in Medicine, Varna, Bulgaria, 1-3. 09. 2010., Roentgenologia, Radiologia, Suppl. 10. ISBN 0486-400X Giczi, F., Pellet, S. as contributors: Implementation of the International Code of Practice on Dosimetry in Diagnostic Radiology (Technical Reports series no. 457): Review of Testing Results, IAEA Human Health Series No. 4, International Atomic Energy Agency, Vienna, 2011, ISBN 978-92-0-114010-4 F. Giczi, Cs. Bujáky, A. Temesi, S. Pellet: Comparison of patient Radiation Exposures Arising from Transfemoral and Transradial Interventional Cardiology Procedures, European Medical Physics and Engineering Conference, 18-20 October, 2012. Sofia, Bulgaria, Book of Abstracts, page 120. ISBN 978-954-91589-3-9