

# An Introduction to Radiation Protection in Medicine #CRC Press, 2008 #Jamie V. Trapp, Tomas Kron #296 pages #2008 #9781584889656

Abstract. Review(s) of: An Introduction to Radiation Protection in Medicine, by Jamie v. Trapp and Tomas Kron. Series in Medical Physics and Biomedical Engineering. CRC Press Taylor and Francis Group Publishing Fl USA. Obviously, the actual level of radiation caused by the radionuclide content of rocks and soil varies widely from place to place and the actual background contribution to the external gamma dose rate at a given location can be determined only by measurements. Thus, the dose rate depends on the geological location [3]. Radiation protection measures in these rooms are important because the people in the room, or in the close proximity, could be subject to ionizing radiation, either from the primary beam, or scattered off the patient, or the X-ray table. When considering room design and, all methods should be used to minimize unnecessary exposure to both primary and secondary (i.e. scattered) radiation. However, the main aim of this book is to address radiation protection in places with limited resources, where such rooms are rarely available. Summary. All safety measures available should be implemented to minimize the risks of unnecessary radiation dose to patients, staff and members of the public. Download the Medical Book : An Introduction to Radiation Protection in Medicine PDF For Free. This Website Provides Free Medical Books.. The text builds a fundamental knowledge base before providing practical descriptions of radiation safety in medicine. It covers basic issues related to radiation protection, including the physical science behind radiation protection and the radiobiological basis of radiation protection. The text also presents operational and managerial tools for organizing radiation safety in a medical workplace. Subsequent chapters form the core of the book, focusing on the practice of radiation protection in different medical disciplines.