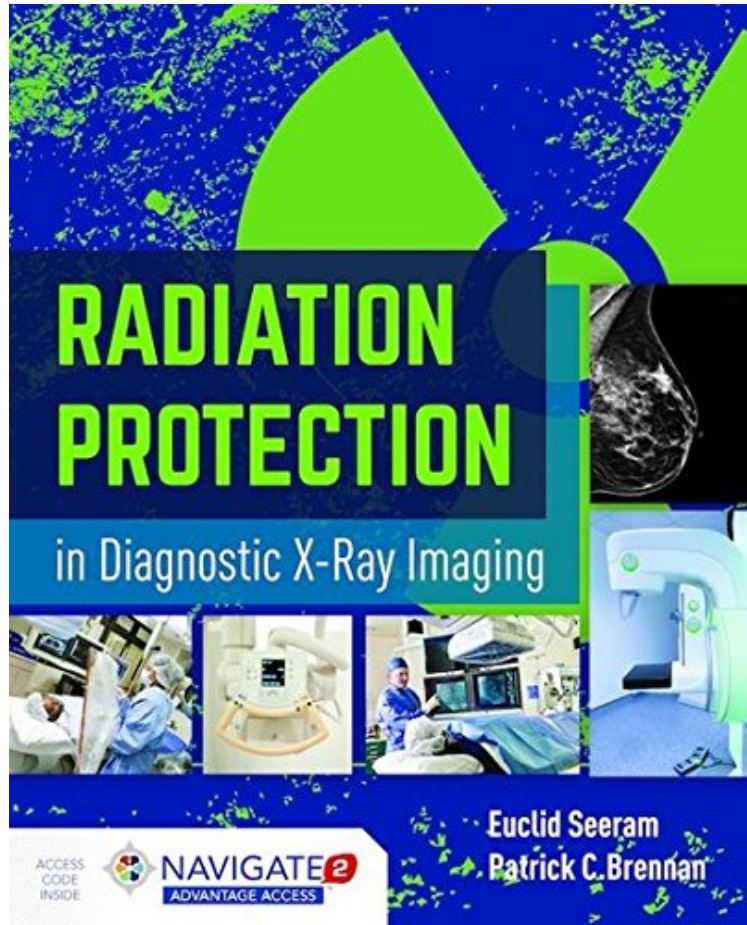


Radiation Protection In Diagnostic X-Ray Imaging

Euclid Seeram, Patrick C. Brennan

*DOC | *audiobook | ebooks | Download PDF | ePub*



DOWNLOAD



READ ONLINE

#1449689 in Books 2016-01-27Original language:EnglishPDF # 1 9.10 x .60 x 7.30l, .0 #File Name: 1449652816310 pages | File size: 48.Mb

Euclid Seeram, Patrick C. Brennan : Radiation Protection In Diagnostic X-Ray Imaging before purchasing it in order to gage whether or not it would be worth my time, and all praised Radiation Protection In Diagnostic X-Ray Imaging:

Radiation protection in diagnostic imaging is an integral part of the education and skill-set of radiologic technologists who play a significant role in the optimization of the radiation dose to the population. Radiation Protection in Diagnostic X-Ray Imaging provides students and clinicians with the knowledge and tools to protect not only the patient, but personnel and members of the public as well. This comprehensive text reviews the critical issues in radiologic protection and presents these key topics regarding medial physics in an accessible manner for clinicians, radiographers, and other health professionals. Radiation Protection in Diagnostic X-Ray Imaging covers the recent developments that have been introduced to address the increasing dose to the patient and new assessment tools for use

in dose optimization studies. This accessible text includes an overview of the biological effects of radiation exposure, outlines the fundamental physical principles and technical aspects of radiation protection, as well as current regulatory and guidance recommendations for radiation protection in diagnostic imaging. Unique topics and coverage includes: radiation protection organizations, dose in digital radiography, dose in computed tomography, image quality assessment tools for dose optimization in x-ray imaging, diagnostic reference levels, and radiation protection through quality control. Radiation Protection in Diagnostic X-Ray Imaging meets the educational requirements (for entry to practice) of the following professional radiologic technology associations: the American Society of Radiologic Technologists (ASRT), the Canadian Association of Medical Radiation Technologists (CAMRT), the College of Radiographers in the United Kingdom, and radiography societies and associations in Asia, Australia, and Europe and Africa regions. Radiation Protection in Diagnostic X-Ray Imaging is an excellent choice for both diploma and degree level program education as well as for clinical reference. FEATURES Based on material from ASRT, ARRT and CAMRT, as well as Current Concepts of Radiation Protection Content is mapped to the ARRT Radiation Protection Examination Specifications and ASRT Radiation Protection Objectives In addition to topics prescribed by the ARRT for the certification examination, this book includes topics for advanced study INSTRUCTOR RESOURCES: ASRT and ARRT Guidelines, Sample Syllabus, Slides in PowerPoint format, Test Bank Each new print copy includes Navigate 2 Advantage Access that unlocks a comprehensive and interactive eBook, student practice activities and assessments, a full suite of instructor resources, and learning analytics reporting tools. Some electronic and eBook versions do not include access to Navigate 2 Advantage resources.