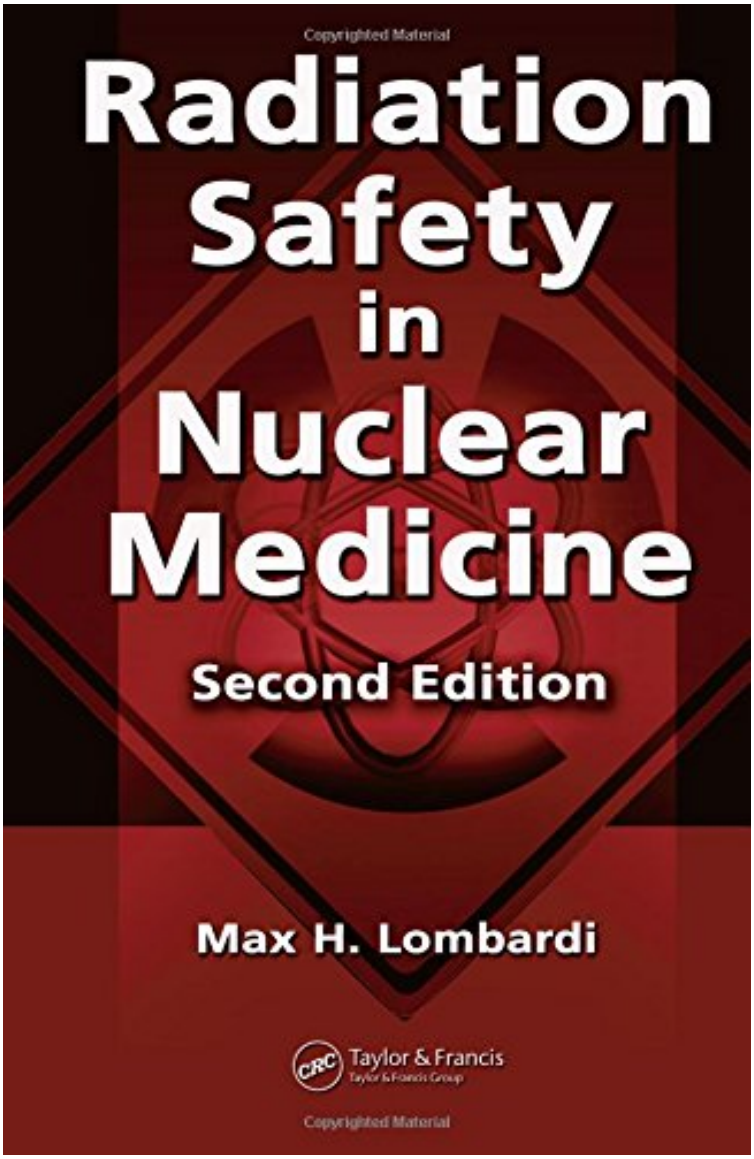
Radiation Safety in Nuclear Medicine, Second Edition

Max H. Lombardi
*audiobook | *ebooks | Download PDF | ePub | DOC*



#1388991 in Books 2006-10-20Original language:EnglishPDF # 1 9.25 x 6.25 x .75l, 1.09 #File Name: 0849381681256 pages | File size: 48.Mb

Max H. Lombardi : Radiation Safety in Nuclear Medicine, Second Edition before purchasing it in order to gage whether or not it would be worth my time, and all praised Radiation Safety in Nuclear Medicine, Second Edition:

1 of 1 people found the following review helpful. good review of radiation safetyBy StephanieI am a medical physicist and used this book as review for the ABSNM exam in Radiation Protection. The book is very good overall and provides a thorough overview of topics related to radiation safety in the nuclear medicine environment. I used both the first and second editions, and I would recommend the second edition because it is more up-to-date and it corrects some

issues with the first edition. The only major problem with this book is that the questions at the end of the each chapter are frequently not related to the material in that chapter. Sometimes they refer to previous chapters and sometimes to chapters further in the book. I would suggest going back to complete the questions after you have finished the entire book (which is not that long). All the questions have answers in the back of the book, which is a huge help for studying! I think the book would also be appropriate for nuclear medicine technologists and radiology residents.0 of 0 people found the following review helpful. This is a very good basic reference book in nuclear medicineBy ChristineThis is a very good basic reference book in nuclear medicine. I use it for quick look ups, where to find certain rules and regulations.0 of 0 people found the following review helpful. MAX LOMBARDI RADIATION SAFETY IN NUCLEAR MEDICINEBy StudentThis author is terrible at explaining concepts. This particular book fails on multiple levels, and it is certainly not worth the money. If at all possible, refrain from buying this book, and avoid the author all together.

Recent advances in the field of nuclear medicine (NM) are expanding the role and responsibilities of the nuclear medicine technologist (NMT) to include more complex and detailed tasks. New technologies are making the diagnosis, management, and treatment of illnesses more sensitive, more specific, more accurate, and ultimately safer for both the patient and the technologist.Radiation Safety in Nuclear Medicine, Second Edition provides the latest technological advances and expanded responsibilities of todays NMT while laying a solid foundation for understanding the basic physics behind the technology. As with the original, this edition teaches the units of radioactivity, exposure, and dosimetry, along with the principles of instrumentation needed for detection and measurement. Focusing on the issues of safety, this volume devotes considerable attention to the science and practice of safety techniques and includes information on rules and regulations. In keeping with the expanding nature of the field, the second edition incorporates many updates and additions such as,Recent modifications to the U.S. Code of Federal Regulations specific to the use of radiopharmaceuticals in medicine The growing popularity of metabolic imaging with positron emissions tomography (PET) The benefits of merging two modalities, namely, the images of PET and computerized tomography (CT) into one short scanning procedure The new role of therapeutic radiopharmaceuticals that use molecular targeting as a method of localization Providing a basic understanding of nuclear medicine, its scientific basis, diagnostic and therapeutic applications, safety practices and regulations, and future directions, Radiation Safety in Nuclear Medicine, Second Edition is the comprehensive reference for technologists, students, researchers, and other professionals in the Nuclear Medicine.

"Knowledge about radiation safety and health physics is a must for anyone working in nuclear medicine. The author has summarised his experience in teaching these subjects in the ten chapters of this book...All topics that are of relevance in daily routine are covered... the student is stimulated to test his knowledge since at the end of each chapter a number of problems are presented in the section 'Homework'." -European Journal of Nuclear Medicine, (2001) 28:948 "All topics that are of relevance in daily routine are covered." -J.A.J. Camps, Leiden, The Netherlands