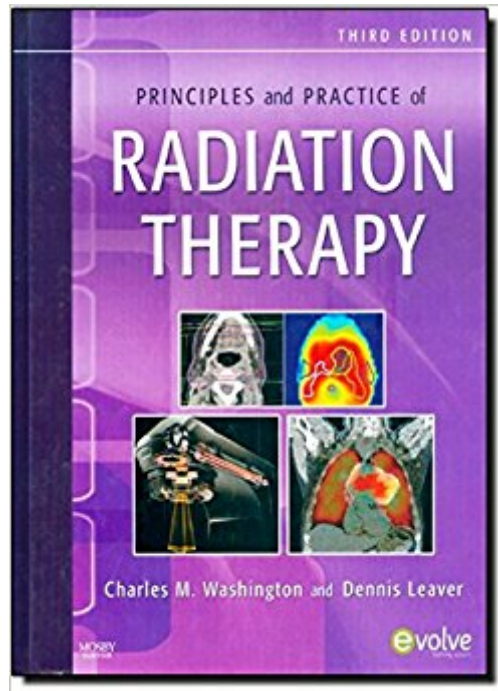




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# Principles And Practice Of Radiation Therapy, 3e



## Synopsis

Learn everything you need to know about radiation therapy with the only comprehensive text written for radiation therapy students by radiation therapists. *Principles and Practice of Radiation Therapy* is designed to help you understand cancer management, improve clinical techniques for delivering doses of radiation, and apply complex concepts to treatment planning and delivery. This edition features enhanced learning tools and thoroughly updated content, including three new chapters to inform you of increasingly important technologies and practices. The up-to-date and authoritative coverage of this text make it a resource you'll want to consult throughout your radiation therapy courses and beyond. Complete coverage of radiation therapy provides all introductory content plus the full scope of information on physics, simulation, and treatment planning. This popular and well-reviewed text continues to be regarded by many radiation therapy professionals as a strong, comprehensive, and authoritative source. Contributions from a broad range of practitioners bring you the expertise of radiation therapists, physicians, nurses, administrators, and educators who are part of cancer management teams. Chapters on image guided radiation therapy, intensity modulated radiation therapy, and CT simulation keep you up-to-date with emerging technologies. Objectives, bulleted summaries, and spotlights join an already impressive list of pedagogical features including chapter outlines, key terms, review questions with answers, critical thinking questions, and a complete, updated glossary. Color inserts show significant procedures and imaging technologies clearly.

## Book Information

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## Customer Reviews

The book has many mistakes in it. I am sure the newer version has been corrected but I give 4 stars because of the usefulness to take the R.T. board exam. If you can afford the newer version, do it. but besides that. The information is really good

In perfect condition and helped me tremendously. A lot of pictures and diagrams that other books do not have that I found useful.

Very informative text book

V good condition.

A must-have textbook for the field

Great book

The textbook Principles and Practice of Radiation Therapy by Charles M. Washington and Dennis T. Leaver has all the information that is needed to learn what I need to know about radiation therapy. It contains material on how to understand cancer management, improve techniques for delivering radiation, and apply the overall concepts of treatment and delivery. Although the book itself has all this inside, the way it is presented makes reading and learning the material very complicated. Being a student in radiation therapy I am required to use this book for two courses in my major. I really enjoy radiation therapy and one could assume that I enjoy reading this text. However, this is not the case. The information is presented in a way that really turns me off to reading. For example when reading a chapter, the book tends to jump around with information. Meaning that it is hard for me to pinpoint what exactly I should get out of reading a specific section or chapter. Most of the time I find myself even more confused than I was prior to my reading. Despite this, the book is useful if I need to use the index to look up something. Anytime I need a definition or something specific I can go to the index and get exactly what I'm looking for. But like I said, reading a chapter at a time is a challenge for me. In addition to these

issues, I have a few more with this book; one of them being how the printed text itself looks. Now I understand the text contains a lot of information that one should know, however the way this information has been printed makes me feel overwhelmed. Specifically, the way the text appears on the page does nothing but draw me away from this book. It is printed small and compact so there is a ton of material on one page. To me when I look at this it seems impossible to comprehend that much material. Another thing is that although the outside of the book is nice and colorful, the inside is the complete opposite. In this book there is not one page that has anything remotely close to color. The whole book is composed of black, white, and gray making it look very dull and boring. Just looking at the pages makes me feel bored and uninterested. When I compare Principles and Practice of Radiation Therapy to Introduction to Radiologic Science and Patient Care by Arlene M. Alder, it does the book no justice. I actually can focus and understand what is in the text written by Alder and I truly believe learn something. Principles and Practice of Radiation Therapy is a lot to take on at once, while being dreary at the same time. Perhaps if the text was organized and added some splashes of color I would have had a more positive experience with this textbook.

Charles M. Washington and Dennis Leaver's Principles and Practice of Radiation Therapy, from a student's point of view, leaves a lot to be desired. As a student of radiation therapy myself, there have been more than a few instances where this book has fallen short of helpful. First of all, many key terms are missing from the index section of the book. For example, the term "central axis," which reoccurs throughout the book cannot be found there. Another problem lies within the chosen diction used in the book. It seems to have been written for those who are already quite familiar with the principals and practices of radiation therapy, not for students who are new to this field of study. Another issue I have with Washington and Leaver's text is that they seem to have contradicted themselves between the content and the answers to the review questions found at the end of every chapter. More than a handful of times, my professor has found that their answers to their own questions are incorrect. It is already hard enough to understand what the book is attempting to teach, but to throw more confusion on top of that is the opposite of helpful. How are students expected to pass their board examinations with information that is incorrect? These kinks need to be worked out before the next edition comes to a bookstore near you. Lastly, I want to discuss the organization and overall look of the book. For some odd reason, the authors have chosen to repeat information and pictures in various sections and chapters throughout the entire text. For example, chapter 21 of this book is titled, "Simulator Design," in which they do a general overview of

conventional (fluoroscopy-based) simulation as well as computed tomography simulation. The following two chapters are titled, "Conventional (Fluoroscopy-Based) Simulation Procedures" and "Computed Tomography Simulation." Mostly everything written into chapter 21 is repeated, in a disorganized manner, into chapter 22 and 23. Yet, of course, not everything is repeated. Therefore, you find yourself searching through chapters of information spanning 75 pages and when you attempt to use the index for guidance, you are suddenly failed again. As well as being disorganized, the book is plagued with an unreadable small text size and virtually no color, as 90% of the book is in black and white. There have been other texts used thus far in my radiation therapy course work, but this is the only one that is structured like a college textbook. Therefore, I unfortunately don't have anything to compare it to and cannot extend any kind of recommendation as far as obtaining a better textbook for radiation therapy. What I can say, is that if you need information about the radiation treatments of specific types of cancer, Portal Design in Radiation Therapy (2nd ed) by Byron G. Dasher, Anne Marie Vann, K Van Sickle and P Markwalter should be your first stop.

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