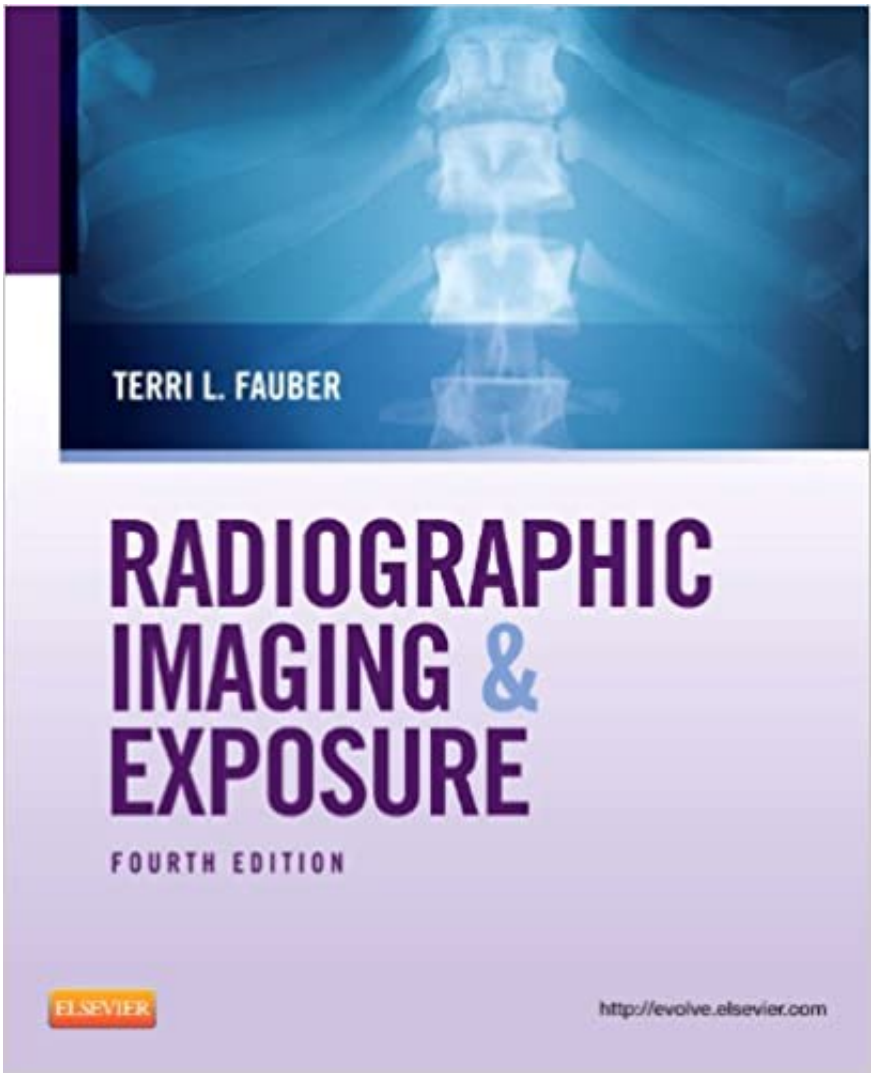
Radiographic Imaging and Exposure, 4e (Fauber, Radiographic Imaging & Exposure)

by

Thomas Edward Gass



Synopsis

With comprehensive coverage of both digital radiography and conventional film-screen radiography, RADIOGRAPHIC IMAGING AND EXPOSURE, 4th Edition helps you master the fundamental principles of imaging, produce clear images, and reduce the number of repeat radiographs. This practical text also includes Important Relationship, Mathematical Application, and Patient Protection Alert features throughout to provide helpful information every step of the way.Comprehensive coverage of both digital radiography and conventional film-screen radiography helps students and radiographers master the fundamental principles of imaging, produce clear images, and reduce the number of repeat radiographs.UNIQUE! Integrated digital radiography coverage includes information on how to acquire, process, and display digital images.UNIQUE! Patient Protection Alerts highlight the variables that impact patient exposure and how to control them.UNIQUE! Important Relationships boxes call attention to the fundamentals of radiographic imaging and exposure.UNIQUE! Mathematical Applications boxes familiarize you with the mathematical formulas needed in the clinical setting.NEW! Updated informationreflects the latest advances in digital imaging, fluoroscopy, and the X-ray beam with added x-ray emission graphs.NEW! Image receptor and image acquisition coverage describes the construction of image receptors and how the latent (invisible) image is captured, and addresses the advantages and limitations of digital vs. conventional imaging processes.NEW! Image Evaluation chapter allows you to practice applying what you've learned about image quality and exposure technique factors.

Sort review

About the AuthorLorrie Kelley MS, RT(R)(MR)(CT) is Associate Professor Emeritus at Boise State University in Boise, Idaho. She earned a bachelor's degree in Radiologic Technology and a master's degree in Educational Technology, both from Boise State. She was a faculty member in the Department of Radiologic Sciences for 21 years, serving as the CT/MRI Program Director and instructor.Connie Petersen MS, RT(R)(CT) is a former adjunct instructor in the Department of Radiologic Sciences at Boise State University.

Torres' Patient Care in Imaging Technology

What people say about this book

ky32492, “Goes to the point!. This book is nice and short. It goes to the point and does not drag endlessly. It has large and helpful diagrams and tables that help clarify any confusing concept. I don't read the entire textbook, I just look at the diagrams, the tables and the main points that perfectly summarize the topic of interest with more than enough information. I recommend this book.”

jimmy philip, “Awesome book. Very nice book. Got it while i was in Radiation Therapy program. Easy to understand and a great radiography book.”

JGK Holdings, “Good. Good books.”

bigchris_1028, “good book. comprehensive and easy to follow... medical field is a totally different area for me, but I was able to cope up with the help of this book.”

TnlExclusives, “Great book!!! Well detailed. Great book!!! Well detailed. Book has new features to alert u when info should be known. Item is a must have for exam candidates..”

G. Burton, “Definitely a must have for those who haven't studied physics for a long time!. This is an excellent introduction to radiographic physics for anyone who hasn't studied physics for a long time. It takes you through everything very logically, and in an order that makes sense. There are some more detailed explanations that you need to reference in other books, but for a beginners explanation and simple diagrams to assist your understanding it is an excellent book. One thing that this book has that many others don't (at least not the ones that I've come across) is questions and case studies at the end of each chapter and in the appendices. I really would highly recommend this book to all students that don't have an A-Level physics background.”

Claire Barrell, “Really useful book.. I have found this book really useful both in lectures and revising. This is also good for references in essays.”

Irene Gibson, “□ □ □ . Happy with my purchase, very efficient ”

The book by Thomas Edward Gass has a rating of 5 out of 4.4. 65 people have provided feedback.

Book Information

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