

TWELFTH EDITION

RADIOLOGIC SCIENCE FOR TECHNOLOGISTS

PHYSICS, BIOLOGY, AND PROTECTION



Shawnta Carlyle Bushong



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Radiologic Science For Technologists

Stewart C. Bushong, Elizabeth Shields



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Bushong,1993 The purpose of this textbook is to convey a working knowledge of radiologic physics and to prepare radiography students for the certification exam by the ARRT The textbook also provides a standard of knowledge from which practicing radiographers can make decisions about technical factors and diagnostic image quality in the work place This edition gives an expanded coverage of quality management which includes all of the content on the ARRT It also includes coverage of new cardiovascular interventional equipment and recent advances in spiral CT and digital radiography Keeps students informed and up to date with respect to professional standards and requirements *Essentials of Radiologic Science* Robert Fosbinder,Denise Orth,2011-02-16 Lippincott Williams Wilkins is proud to introduce *Essentials of Radiologic Science* the nucleus of excellence for your radiologic technology curriculum An exciting new first edition this core comprehensive textbook for radiologic technology students focuses on the crucial components and minimizing extraneous content This text will help prepare students for success on the American Registry of Radiologic Technologists Examination in Radiography and beyond into practice Topics covered include radiation protection equipment operation and quality control image production and evaluation and patient care This is a key and crucial resource for radiologic technology programs focusing on the most relevant information and offering tools and resources to students of multiple learning types These include a full suite of ancillary products a variety of pedagogical features embedded in the text and a strong focus on the practical application of the concepts presented *Workbook for Radiologic Science for Technologists Elsevier eBook on VitalSource (Retail Access Card)* Elizabeth Shields,Stewart C. Bushong,2020-12-16 More than 100 worksheets make it easy to review specific topics from the text and are numbered according to textbook chapter In depth coverage of the textbook s topics lets you review medical imaging concepts and apply them to practice Penguin icons highlight important information from the textbook making it easier to understand concepts and complete the worksheet exercises NEW Closer correlation of worksheets to the textbook simplifies your review of radiologic physics which can be a difficult subject to understand NEW New worksheets on digital radiographic technique and the digital image display correspond to the new content covered in

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