Essentials of Radiographic Physics and Imaging, 1e

James Johnston Ph.D. R.T.(R)(CV), Terri L. Fauber EdD RT(R)(M)
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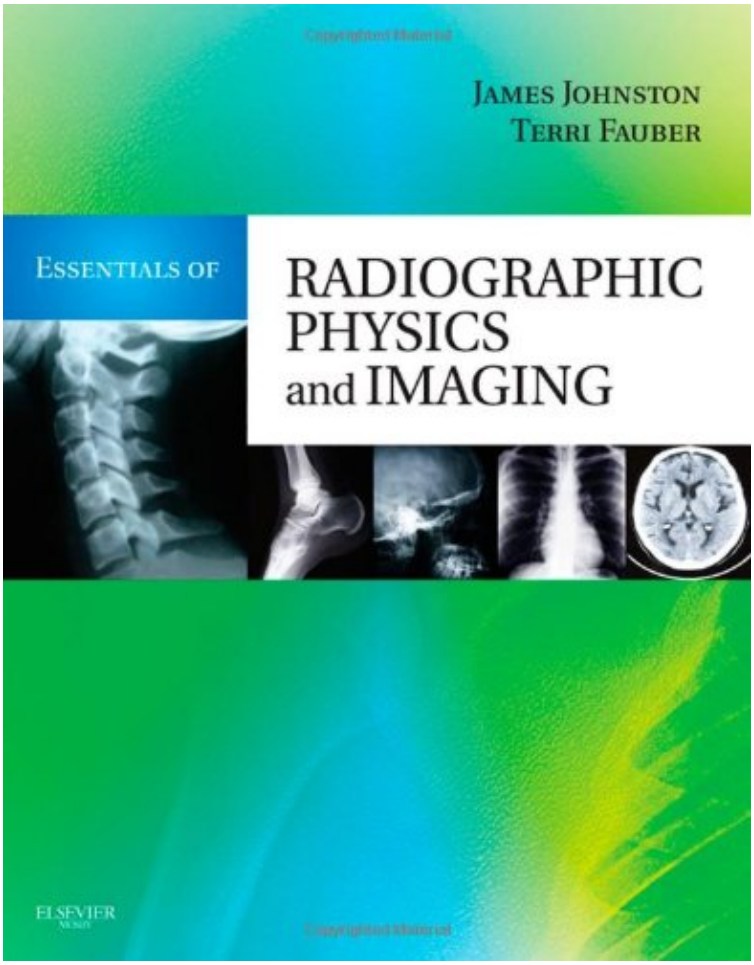

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James Johnston Ph.D. R.T.(R)(CV), Terri L. Fauber EdD RT(R)(M) : Essentials of Radiographic Physics and Imaging, 1e before purchasing it in order to gage whether or not it would be worth my time, and all praised Essentials of Radiographic Physics and Imaging, 1e:

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Prepare for success in the ARRT exam and in your career as a radiographer! Essentials of Radiographic Physics and Imaging provides the right amount of information to help you succeed in exams and in the practice of radiography. The text clearly explains the principles of physics, then covers radiation production and characteristics, imaging equipment, film screen image acquisition and processing, digital image acquisition and display, image analysis, and basic principles of computed tomography. Emphasizing practical information, expert authors James N. Johnston and Terri L. Fauber cover all the topics on the ARRT examination and provide easy-to-understand guidelines on how to produce high-quality radiographic images.An emphasis on practical information provides just what you need to know to pass the ARRT exam and to be a competent practitioner. Integrated coverage of digital radiography describes how to acquire, process, and display digital images, and explains the advantages and limitations of digital vs. conventional imaging processes. Theory to Practice succinctly explains the application of the concept being discussed and helps you understand how to use the information in clinical practice. Make the Connection links physics and imaging concepts to help you fully appreciate the importance of both subjects. Math applications demonstrate how mathematical concepts and formulas are applied in the clinical setting. Critical Concepts further explain and emphasize key points in the chapters. Learning features highlight important information with an outline, key terms, and objectives at the beginning of each chapter and a chapter summary at the end. A glossary of key terms provides a handy reference.

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