Digital Radiography: An Introduction for Technologists

Euclid Seeram
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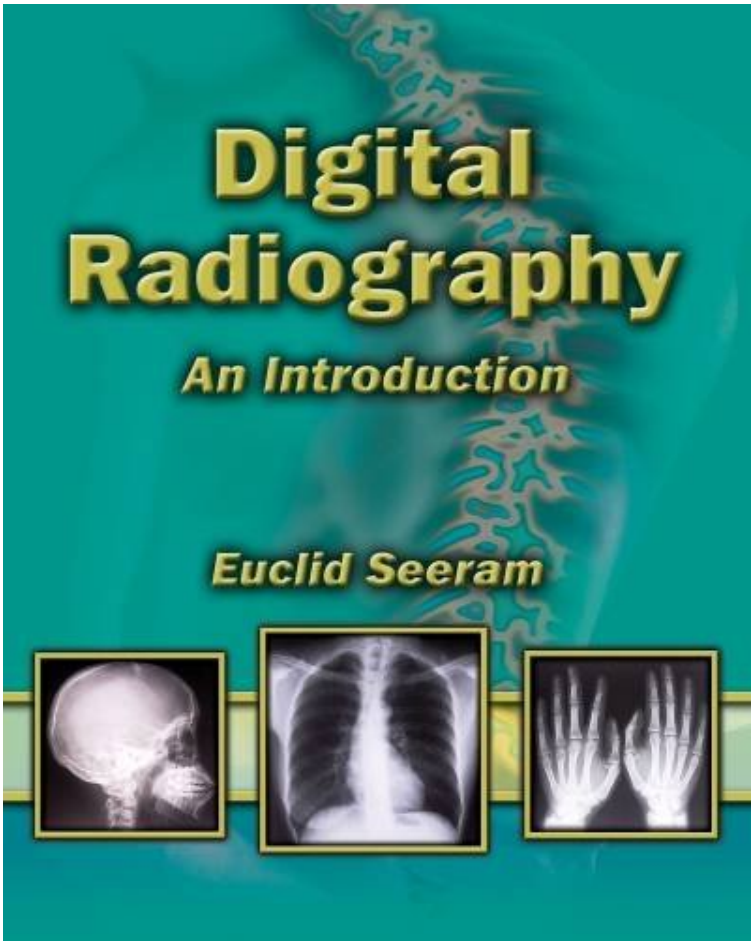

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Euclid Seeram : Digital Radiography: An Introduction for Technologists before purchasing it in order to gage whether or not it would be worth my time, and all praised Digital Radiography: An Introduction for Technologists:

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Digital Radiology: An Introduction for Technologists by Euclid Seeram is used for courses in radiographic imaging procedures, production, and exposure. This book will be a supplemental reading book in the Radiographic Imaging course and will specifically supplement Carlton/Principles of Radiologic Imaging. The book can also be used as a supplement for courses that address digital imaging techniques, such as Radiologic Physics, Radiographic Equipment

and Quality Control or a course on Radiographic Technique. This book is intended for Radiologic Technologists across the globe, to meet the needs of the change from film-based imaging to filmless imaging or DIGITAL IMAGING. This book will deal with a wide range of topics to address the needs of various professional Radiologic Technology Associations, such as the American Society of Radiologic Technologists (ASRT), the Canadian Association of Medical radiation Technologists, The College of Radiographers in the UK, and the Australian Society for Radiographers and therefore will be appropriate for our international sales force.

1. Digital Radiography: An Overview. 2. Digital Image Processing Concepts. 3. Computed Radiography: Physics And Technology. 4. Effective Use of Computed Radiography. 5. Flat-Panel Digital Radiography. 6. Digital Fluoroscopy. 7. Digital Mammography. 8. Picture Archiving and Communication Systems. 9. Medical Imaging Informatics: An Overview. 10. Quality Control for Digital Radiography.About the AuthorEuclid Seeram is a full time Faculty member of the British Columbia Institute of Technology (BCIT) and teaches in the Medical Radiography Diploma Program. In addition he is the Program Head and Teaching Faculty for the Bachelor of Technology Degree Program in Medical Imaging. Euclid has published over 35 papers in professional radiologic technology journals and has had 16 textbooks published to date. Topics of these books include: CT, Computers in Radiology, Radiographic Instrumentation, Digital Radiography, and Radiation Protection. Euclid has co-authored a book on Digital X-Ray Imaging (in press) with Drs Patrick Brennan and Mark McEntee of University College Dublin. Currently he serves on several Medical Imaging Editorial Boards, including the Journal of Medical Imaging and Radiation Sciences; Radiography, an International Journal of Diagnostic Imaging and Radiation Therapy; Biomedical Imaging and Intervention Journal based in Malaysia. Additionally he serves as a peer reviewer for the Journal of Allied Health. In February 2009 he was invited to serve as Editor-in-Chief for Radiography for e-Health Professionals, a new on-line Journal dedicated to all healthcare professionals. In 2000 Euclid was awarded the Fellowship from the CAMRT; an honor bestowed upon highly regarded professionals who have demonstrated an uncommonly high degree of competence and personal commitment to their profession. His current research interests are related to radiation dose in CT, and radiation dose optimization in computed radiography systems.