



# Digital Imaging

A Primer for Radiographers, Radiologists and healthcare Professionals

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**Paperback/ ISBN 1841101214/ 234 x 156mm/ est. 208/ Over 75  
 b&w and line illustrations/ £22.50**

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## What is the book about?

Radiography and radiology are both fields of constant change. The computer has now infiltrated almost all departments and practitioners within imaging departments are now expected to be able to acquire, manipulate, store, transmit and retrieve digital radiographic images both within hospitals and across wider networks. These technological advances are being driven by the desire for the implementation of electronic patient records and the constant demands being placed on imaging departments by end users to return films and reports within ever-decreasing time spans.

Digital Radiography Systems is the first book to fulfil the need of the modern radiographer and radiologist to understand how digital imaging, manipulation and storage systems actually work on a practical level. It explains the equipment and principles behind computers in radiology, and will also serve as an invaluable reference to radiologists, radiographers, managers and information technologists when purchasing and installing equipment.

The book features a series of MCQs to test the reader's knowledge and to enhance its use as a self-learning and staff training tool.

## Who is it for?

Undergraduate radiographers, postgraduate students undertaking a digital imaging or processing course component, managers setting up digital imaging departments, radiographers and radiologists involved in the procurement process, information and technology officers involved in setting up a digital imaging suite

## Why will people buy it?

- Adopts a practical approach to a complex subject
- Brings all information on digital imaging under one roof
- Fully illustrated throughout with photographs and explanatory line diagrams
- Features algorithms showing patient flow and interaction with technology
- MCQs help the reader to test their knowledge and enhance the book's use in continuing professional development