

1. Record Nr.	UNINA9910139043503321
Autore	Wolbarst Anthony B
Titolo	Medical Imaging [[electronic resource]] : Essentials for Physicians
Pubbl/distr/stampa	Hoboken, : Wiley, 2013
ISBN	1-118-48024-4 1-118-48026-0 1-299-44881-X 1-118-48028-7
Descrizione fisica	1 online resource (435 p.)
Altri autori (Persone)	CapassoPatrizio WyantAndrew R
Disciplina	616.0754
Soggetti	Diagnostic imaging -- Digital techniques Diagnostic Imaging - methods Diagnostic imaging -- Methods Image Enhancement - methods Image enhancement -- Methods Image Processing, Computer-Assisted Diagnostic Techniques and Procedures Investigative Techniques Photography Computing Methodologies Diagnosis Information Science Methods Diagnostic Imaging Image Enhancement Medicine Health & Biological Sciences Radiology, MRI, Ultrasonography & Medical Physics Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.

Nota di contenuto

Medical Imaging: Essentials for Physicians; Contents; Preface; Acknowledgments; INTRODUCTION : Dr. Doe's Headaches An Imaging Case Study; Computed tomography; Picture archiving and communication system; T1, T2, and FLAIR MRI; MR spectroscopy and a virtual biopsy; Functional MRI; Diffusion tensor MR imaging; MR guided biopsy; Pathology; Positron emission tomography?; Treatment and follow-up; CHAPTER 1 Sketches of the Standard Imaging Modalities : Different Ways of Creating Visible Contrast Among Tissues; "Roentgen has surely gone crazy!"

Different imaging probes interact with different tissues in different ways and yield different kinds of medical information Twentieth-century (analog) radiography and fluoroscopy: contrast from differential attenuation of X-rays by tissues; X-ray film of a cracked phalange; Generating the beam at the anode of the X-ray tube; Contrast from differential attenuation of the beam within the body; Exposure of a screen-film image receptor; Image intensifier-based fluoroscopy with a CCD/CMOS electronic optical camera

Twenty-first century (digital) images and digital planar imaging: computer-based images and solid-state image receptors Digital images; Computed tomography: three-dimensional mapping of X-ray attenuation by tissues; Helical, multi-slice CT; Nuclear medicine, including SPECT and PET: contrast from the differential uptake of a radiopharmaceutical by tissues; Radiopharmaceutical = radionucleus + organ-specific agent; Creating contrast through differential uptake of photon-generating radiopharmaceuticals; SPECT and PET

Diagnostic ultrasound: contrast from differences in tissue elasticity or density B-mode anatomic imaging; Doppler imaging of blood flow; Magnetic resonance imaging: mapping the spatial distribution of spin-relaxation times of hydrogen nuclei in tissue water and lipids; Spin-relaxation times of protons in water and lipids in a strong magnetic field; Mapping the spatial distribution of proton T1 and T2; Appendix: selection of imaging modalities to assist in medical diagnosis; Cardiac versus non-cardiac chest pain; Abdominal/pelvis imaging; Head and neck imaging; Musculoskeletal imaging

Vascular imaging References; CHAPTER 2 Image Quality and Dose : What Constitutes a "Good" Medical Image?; A brief history of magnetism; About those probes and their interactions with matter . . .; Energy; Electromagnetic waves; Photons; Atoms; Molecules and fluorescent materials; The image quality quartet: contrast, resolution, stochastic (random) noise, artifacts - and always dose; Subject contrast; Resolution; Stochastic (random, statistical) noise and the signal-to-noise ratio; Artifacts: non-stochastic noise; Quality assurance; Image quality and radiation safety programs; Image QA Known medical benefits versus potential radiation risks

Sommario/riassunto

""An excellent primer on medical imaging for all members of the medical profession . . . including non-radiological specialists. It is technically solid and filled with diagrams and clinical images illustrating important points, but it is also easily readable . . . So many outstanding chapters . . . The book uses little mathematics beyond simple algebra [and] presents complex ideas in very understandable terms.""-Melvin E. Clouse, MD, Vice Chairman Emeritus, Department of Radiology, Beth Israel Deaconess Medical Center and Deaconess Professor of Radiology, Harvard Medical School<

2. Record Nr.	UNISA996394968803316
Autore	Deloney Thomas <1543?-1600.>
Titolo	An excellent ballad of a noble marquess and patient Grissel : to the tune of, The bride's good-morrow, &c
Pubbl/distr/stampa	[London?, : s.n., 1700?]
Descrizione fisica	1 online resource (1 sheet ([1] p.)) : ill. (woodcut)
Altri autori (Persone)	BoccaccioGiovanni <1313-1375.>
Soggetti	Ballads, English - 17th century Broadsides17th century.England
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Attributed to Thomas Deloney. Cf. British Library. Imprint suggested by the British Library. A song: "A noble marquess, ". Based on book 10, novel 10 of the 'Decamerone' by Giovanni Boccaccio Imperfect: copy cut; second half wanting. Reproduction of original in the British Library.
Sommario/riassunto	eebo-0018

3. Record Nr.	UNISANNIOMIL0000030
Autore	Ribereau Gayon, Jean
Titolo	1: Maturazione dell'uva, fermentazione alcoolica, vinificazione / J. Ribereau-Gayon e E. Peynaud
Pubbl/distr/stampa	Bologna, : Edagricole, stampa 1971
Titolo uniforme	Maturazione du raisin, fermentation alcoolique, vinification
ISBN	882060471X
Descrizione fisica	XXVI, 748 p. : ill. ; 25 cm.
Altri autori (Persone)	Peynaud, Émile
Disciplina	663.2
Soggetti	FERMENTAZIONE ALCOOLICA
Collocazione	SALA 663.2 RIB tr(1)
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia