

1. Record Nr.	UNINA9910800042903321
Titolo	Brogdon's forensic radiology / / edited by Michael J. Thali, Mark D. Viner, B.G. Brogdon
Pubbl/distr/stampa	Boca Raton, : CRC Press, ©2011
ISBN	0-367-80570-7 1-4200-7563-2
Edizione	[2nd ed.]
Descrizione fisica	XXIII, 630 s : ill
Altri autori (Persone)	ThaliMichael J VinerMark D BrogdonB. G (Byron Gilliam) BrogdonB. G (Byron Gilliam)
Disciplina	614/.1
Soggetti	Forensic radiography Medical jurisprudence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction to Forensic Radiology -- Definitions in Forensics and Radiology / B.G. Brogdon -- Forensic Radiology in Historical Perspective / B.G. Brogdon, Joel E. Lichtenstein -- Scope of Forensic Radiology / B.G. Brogdon -- Coping with the Courts -- The Radiological Expert / B.G. Brogdon -- The Expert Witness as Viewed from the Bench / Haskell M. Pitluck; Leonard Berlin -- Identification -- Identification of the Dead / LeRoy Riddick -- Radiological Identification / B.G. Brogdon -- Modern Cross-Sectional Imaging in Anthropology / Fabrice Dedouit, Norbert Telmon, Herve Rousseau, Eric Crubezy, Francis Joffre, Daniel Rouge -- Radiographic Applications in Forensic Dental Identification / Richard A. Weems -- Virtopsy / Michael J. Thali, Ulrich Preiss, Stephan A. Bolliger -- Radiological Identification of Individual Remains / B.G. Brogdon -- Radiology in Mass Casualty Situations / Mark D. Viner, Joel E. Lichtenstein -- New Approaches to Radiology in Mass Casualty Situations / Angela D. Levy, Howard T. Harcke -- Gunshot Wounds -- Forensic Radiology of Gunshot Wounds / B.G. Brogdon, James M. Messmer -- New Developments in Gunshot Analysis / Stephan A. Bolliger, Beat P. Kneubuehl, Michael J. Thali --

Radiology of Abuse -- Child Abuse / B.G. Brogdon -- Abuse of Intimate Partners and of the Elderly / B.G. Brogdon, John D. McDowell -- Radiology in Nonviolent Crimes -- Smuggling/Border Control / B.G. Brogdon, H. Vogel, P.R. Algra -- Forensic and Clinical Usage of X-rays in Body Packing / Patricia M. Flach, Steffen G. Ross, Michael J. Thali -- Larceny / B.G. Brogdon -- Radiology of Fakes and Forgery in Art / A. Everette James -- Virtual Imaging -- Reporting and Finding Expert Opinion / Richard Dirnhofer -- Photogrammetry-Based Optical Surface Scanning / Silvio Nather, Ursula Buck, Michael J. Thali -- Cross-Sectional Imaging and Swiss Virtobot Documentation and Analysis -- Michael J. Thali, Steffen G. Ross, Stephan A. Bolliger, Tanja Germerott, Patricia M. Flach, Lars C. Ebert, Thomas Ruder, Michael Bolliger, Ulrich Preiss, Sandra Mathier, Laura Filograna, Gary Hatch, Garyfalia Ampanozi -- Clinical and Forensic Radiology Are Not the Same / Patricia M. Flach, Steffen G. Ross, Andreas Christe, Michael J. Thali -- Postmortem Biopsy / Steffen G. Ross, Lars C. Ebert, Laura Filograna, Michael J. Thali -- Postmortem Angiography / Steffen G. Ross, Patricia M. Flach, Michael J. Thali -- Using Real 3D Data for Reconstruction / Ursula Buck, Silvio Nather, Michael J. Thali -- Applications of Rapid-Prototyping Methods in Forensic Medicine / Lars C. Ebert, Steffen G. Ross, Michael J. Thali -- Facial Reconstruction / Gregory Mahoney, Christopher Rynn -- Virtopsy and Forensic Tissue Simulation and Synthetic Body Models / Michael J. Thali, Beat P. Kneubuehl, Stephan A. Bolliger -- Facilities, Equipment, and Organization -- Organization and Management of Forensic Radiology / Mark D. Viner, Paul F. Laudicina -- Facility, Equipment, and Radiation Protection / Mark D. Viner, Charles W. Newell, Chucri M. Jalkh -- Forensic Radiological Technology -- Imaging in the Medical Examiner's Facility / Tania Blyth, Emily Faircloth, Gerald Conlogue, Mark D. Viner -- Imaging in the Field / Gerald Conlogue, Mark D. Viner, Nancy Adams -- Radiology of Special Objects, Antiquities, and Mummies / Gerald Conlogue -- Essentials of Diagnostic Imaging -- Production of the Radiographic Image / Charles W. Newell, Chucri M. Jalkh, Mark D. Viner -- Radiographic Positioning / Charles W. Newell, Chucri M. Jalkh, Emily Faircloth.

Sommario/riassunto

"Brogdon's Forensic Radiology demonstrates the application of radiology in cases involving identifying remains, evaluating causes of death, and establishing evidence. This second edition features new material on the large scale investigation of war crimes and human rights abuses; recent technological changes and the role of virtual autopsies; the use of sectional imaging for dental identification; reconstruction of gunshot injuries; new techniques for portable x-ray, computerized data recording, and image analysis post-processing; as well as increased coverage of applications in non-biological materials. Case studies feature tsunamis and the London bombings"--Provided by publisher.
