

1. Record Nr.	UNINA9910813324203321
Titolo	Image-guided radiation therapy : a clinical perspective // editors, Arno J. Mundt, John Roeske ; cover design, Mary McKeon
Pubbl/distr/stampa	Shelton, Connecticut : , : People's Medical Publishing House, , 2011 ©2011
ISBN	1-60795-209-2
Descrizione fisica	1 online resource (662 p.)
Disciplina	616.9940642
Soggetti	Image-guided radiation therapy Cancer - Radiotherapy
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 at the end of each chapters and index.
Nota di contenuto	""Image Guided Radiation Therapy: A Clinical Perspective ""; ""1: Overview ""; ""2: Computed Tomography""; ""3: Positron Emission Tomography ""; ""4: Magnetic Resonance Imaging ""; ""5: Ultrasound Systems ""; ""6: Video Systems ""; ""7: Electronic Portal Imaging Devices ""; ""8: Integrated Computed Tomography/Linac Systems ""; ""9: Kilovoltage Imaging Systems ""; ""10: Megavoltage Imaging Systems ""; ""11: Respiratory Management Technologies ""; ""12: Electromagnetic Tracking ""; ""13: Emerging In-Room Imaging Technologies ""; ""14: Quality Assurance in the Image-Guided Era "" ""15: Central Nervous System Tumors: Overview """"15A: GA-DOTATOC-PET-Guided Target Delineation in a Patient with an Intracranial Meningioma ""; ""15B: MR Spectroscopy-Guided Target Delineation in a Patient with a Recurrent Glioblastoma Multiforme ""; ""15C: Functional MR-Guided Target Delineation in a Patient with a Cerebral AVM Undergoing SRS ""; ""15D: Image-Guided SRS in a Patient with Trigeminal Neuralgia using the CyberKnife System ""; ""15E: Planar Image-Guided Frameless IMRT in a Patient with Recurrent Nasopharyngeal Carcinoma on a Novalis Linear Accelerator "" ""16: Head and Neck Tumors: Overview """"16A: F-FDG PET-Guided Target Delineation in a Patient with Hypopharyngeal Carcinoma ""; ""16B: MR-Guided Target Delineation in a Patient with Nasopharyngeal

Carcinoma ""; ""16C: F-Fluoromisonidazole PET-Guided Target Delineation in a Patient with Base of Tongue Carcinoma ""; ""16D: F-FDG PET-Guided Target Delineation in a Patient with Recurrent Nasopharyngeal Carcinoma ""; ""16E: Electronic Portal Image-Guided Setup in a Patient with Head & Neck Cancer on a Varian Linear Accelerator ""

""16F: MVCT-Guided IMRT Using the Helical Tomotherapy System in a Patient with Tonsillar Carcinoma """"16G: KV CBCT-Guided IMRT Using the Elekta Synergy System in a Patient with Tonsillar Carcinoma "";

""16H: Real-Time Reverse Subtraction Video-Guided Setup and Intrafraction Monitoring in a Patient with Head & Neck Cancer ""; ""17: Lung Cancer: Overview ""; ""17A: F-FDG PET-Guided Target Delineation in a Patient with Lung Cancer ""; ""17B: Four-Dimensional SBRT Using the CyberKnife Synchrony System in a Patient with Early Stage Lung Cancer ""

""17C: Hypofractionated IGRT Using the Helical Tomotherapy System in a Patient with Inoperable Lung Cancer """"17D: Deep Inspiration Breath-Hold KV CBCT-Guided SBRT Using the Varian Trilogy System in a Patient with Stage I Lung Cancer ""; ""17E: Respiratory Gated KV CBCT-Guided SBRT Using the Varian Trilogy System in a Patient with Stage I Lung Cancer ""; ""18: Breast Cancer: Overview ""; ""18A: Three-Dimensional Ultrasound-Guided Target Delineation and Treatment Delivery Using the Clarity Ultrasound System in a Patient with Breast Cancer ""

""18B: MVCT-Guided Patient Setup Using the Helical Tomotherapy System in a Patient with Early Stage Breast Cancer ""
