

1. Record Nr.	UNINA9910454394503321
Titolo	Prostate cancer // edited by Hedwig Hricak and Peter T. Scardino [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2009
ISBN	1-107-20081-4 0-511-51500-6 0-511-51767-X 0-511-55199-1 0-511-51413-1 0-511-51628-2
Descrizione fisica	1 online resource (xi, 230 pages) : digital, PDF file(s)
Collana	Contemporary issues in cancer imaging
Disciplina	616.99/463
Soggetti	Prostate - Cancer Prostate - Cancer - Imaging
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Anatomy of the prostate gland and surgical pathology of prostate cancer / Kai H. Hammerich, Gustavo E. Ayala, and Thomas M. Wheeler -- The natural and treated history of prostate cancer / Mark Garzotto -- Current clinical issues in prostate cancer that can be addressed by imaging / Hedvig Hricak and Peter T. Scardino -- Surgical treatment of prostate cancer / Timothy A. Masterson and James A. Eastham -- Radiation therapy / Maria A. Kollmeier and Michael J. Zelefsky -- Systemic therapy / Lawrence H. Schwartz and Michael J. Morris -- Transrectal ultrasound imaging of the prostate / Mark L. Pe, Edouard J. Trabulsi, and Ethan J. Halpern -- Computed tomography imaging in patients with prostate cancer / Jingbo Zhang -- Magnetic resonance imaging of prostate cancer / Oguz Akin -- Magnetic resonance spectroscopic imaging and other emerging magnetic resonance techniques in prostate cancer / Amita Shukla-Dave and Kristen L. Zakian -- Nuclear medicine : diagnostic evaluation of metastatic disease / Neeta Pandit-Taskar and Steven M. Larson -- Imaging recurrent prostate cancer / Tamar Sella and Darko Pucar.

Sommario/riassunto

Prostate cancer is one of the most common malignancies in men in the Western world. Although a wide range of treatment regimens are available for this disease, there are few evidence-based guidelines for treatment selection. This volume describes the clinical value of imaging for improving not only staging and treatment selection, but also the diagnosis, treatment planning, and treatment follow-up for patients with prostate cancer. A multidisciplinary disease management approach is critical in this disease. For the radiologist, understanding the pathophysiology, critical clinical issues, and advantages and limitations of different treatments is essential for meaningful interpretation of imaging studies. Similarly, for the practising clinician, understanding the advantages and limitations of imaging modalities and the importance of optimal technique are crucial to the rational use of imaging. This volume serves as a valuable reference for radiologists, urologists, medical and radiation oncologists and all practitioners involved in the management of prostate cancer.
