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Titolo	Interstitial Prostate Brachytherapy : LDR-PDR-HDR // edited by György Kovács, Peter Hoskin
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Descrizione fisica	1 online resource (vi, 260 pages) : illustrations (some color), color maps
Collana	Gale eBooks
Altri autori (Persone)	KovacsGyorgy HoskinPeter
Disciplina	616.99463
Soggetti	Radiology Oncology Nuclear physics Urology Nuclear Physics
Lingua di pubblicazione	Inglese
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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	Epidemiology of prostate cancer -- Imaging localized prostate cancer -- TRUS volume study imaging for brachytherapy, patient set up and optimize of imaging -- Patient selection and recommendations on permanent seed implantation for localized prostate cancer -- Patient selection and recommendations on HDR -- Seed techniques -- HDR techniques -- PDR techniques -- Imaging for post-implant dosimetry -- Pre-planning for permanent implantation -- Intra-operative seed planning -- Intra-operative HDR planning -- Seeds versus HDR -- Post-implant dosimetry -- Incidence and prognostic factors for complication -- Clinical implications of DVH analysis -- QA for brachytherapy -- Management of side effects and complications -- Radiation protection issues -- Results of seed treatment -- HDR results -- PDR results -- Salvage treatment.
Sommario/riassunto	Prostate brachytherapy has been the subject of heated debate among surgeons and the proponents of the various brachytherapy methods.

This very first interdisciplinary book on the subject provides a comprehensive overview of innovations in low dose rate (LDR), high dose rate (HDR), and pulsed dose rate (PDR) interstitial brachytherapy for the management of local or locally advanced prostate cancer. In addition to detailed chapters on patient selection and the use of imaging in diagnostics, treatment guidance, and implantation control, background chapters are included on related medical physics issues such as treatment planning and quality assurance. The results obtained with the different treatment options and the difficult task of salvage treatment are fully discussed. All chapters have been written by internationally recognized experts in their fields who for more than a decade have formed the teaching staff responsible for the successful GEC-ESTRO/EAU Prostate Brachytherapy Teaching Course. This book will be invaluable in informing residents and others of the scientific background and potential of modern prostate brachytherapy. It will also prove a useful source of up-to-date information for those who specialize in prostate brachytherapy or intend to start an interstitial brachytherapy service.
