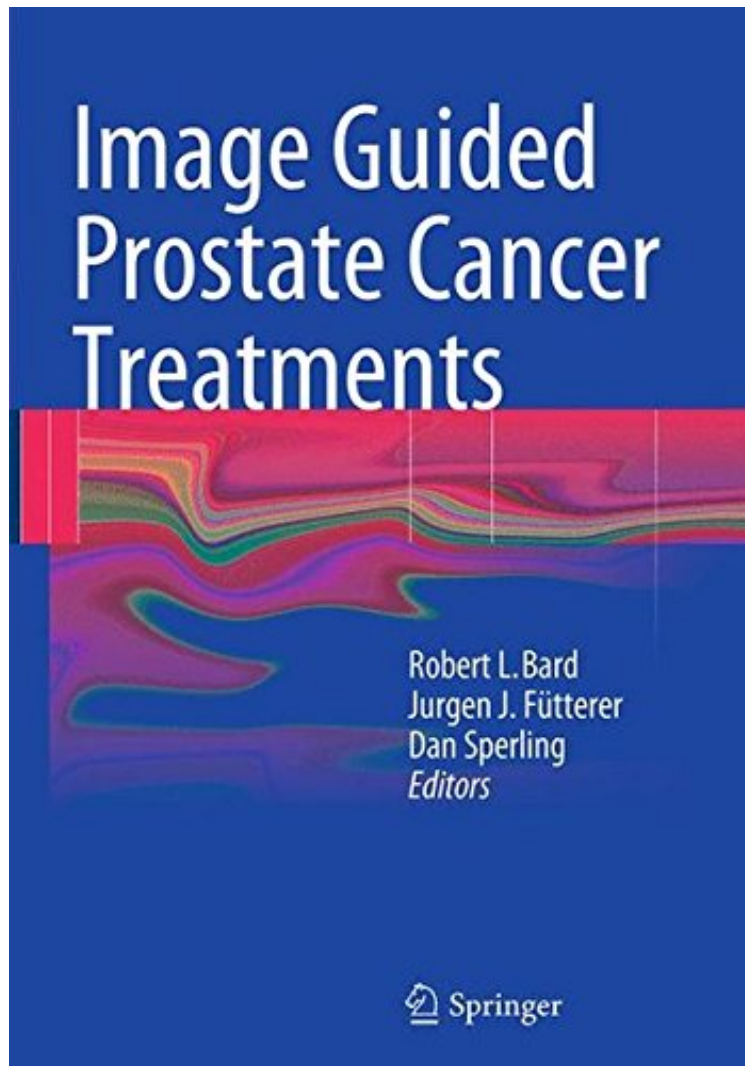


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From Springer : Image Guided Prostate Cancer Treatments before purchasing it in order to gage whether or not it would be worth my time, and all praised Image Guided Prostate Cancer Treatments:

0 of 0 people found the following review helpful. Superb Book on Prostate Imaging for the Clinician By Dr. Terrence McGarty This is a great summary of current techniques in PCa imaging for diagnosis and treatment. The use of MRI assisted Ultrasound biopsies appears to have significantly improved specificity for biopsies. This book covers this as well as more. The book summarizes the current status of ultrasound in the early chapters. This includes excellent chapters on contrast enhanced ultrasound. Then the book then proceeds with the discussion of MRI. There is a good discussion for the clinician on ADC, apparent diffusion coefficient, and DCE, dynamic contrast enhanced, MRI

techniques. There is then a good discussion of MRI use in localization of PCa lesions. Although this still has its pluses and minuses it is a highly useful technique. The Chapter on MRI guided biopsy and MRI-ultrasound fusion is at the leading edge. I have just begun seeing this in clinical use and it works quite well. In clinical practice the MRI has the ability to identify putative lesions and assist in guiding. Classic ultrasound it still a hunt and peck approach but MRI fusion with ultrasound seems to perform better. The only problem I have observed is that using MRI ultrasound fusion on patients who have had several previous biopsies is that scar tissue from previous biopsies may appear as a lesion. The other problem also is cost and the training of the clinician. The book then examines the use of these techniques in extraprostatic localization. This discussion is excellent as well. The book also covers several laser techniques and this is an excellent introduction. There is also several chapters on treatment. Overall this is a great compendium of current technique in many image based techniques for the clinician. It is not a detailed technical book for a Radiologist but for the Urologist.

This book, containing a wealth of high-quality illustrations based on high-end equipment, will acquaint beginners with the basics of prostate ultrasound and MRI, and help advanced practitioners learn new skills.

From the reviews: The book purports to demonstrate novel and innovative imaging techniques to identify specific prostate cancer foci within the prostate, and the use of these powerful techniques to target prostate cancer foci for treatment. It is intended for a broad audience of generalists and specialists of all fields. It seems most appropriate for clinicians treating prostate cancer patients, including urologists and radiologists. In general, this book is well written with beautiful illustrations and imaging pictures. (Edouard Trabulsi, Doodys Books, May, 2014)

From the Back Cover: Image-Guided Prostate Cancer Treatments is a comprehensive reference and practical guide on the technology and application of ultrasound and MRI in the male pelvis, with special attention to the prostate. The book is organized into three main sections, the first of which is devoted to general aspects of imaging and image-guided treatments. The second section provides a systematic overview of the application of ultrasound and MRI to the diagnosis and treatment of diseases of the lower urinary tract. Performance of the ultrasound and MRI studies is explained, and the normal and abnormal pathological anatomy is reviewed. Correlation with the ultrasound in the same plane is provided to assist in understanding the MRI sequences. Biopsy and interventional procedures, ultrasound-MRI fusion techniques, and image-guided therapies, including focused ultrasound, photodynamic therapy, microwave and laser ablation, are all fully covered. The third section focuses on securing treatment effectiveness and the use of follow-up imaging to ensure therapeutic success and detect tumor recurrence at an early stage, which is vital given that prompt focal treatment of recurrence is very successful. Here, particular attention is paid to the role of Doppler ultrasound and DCE-MRI technologies. This book, containing a wealth of high-quality illustrations based on high-end equipment, will acquaint beginners with the basics of prostate ultrasound and MRI, while more advanced practitioners will learn new skills, means of avoiding pitfalls, and ways of effectively relating the imaging and image-guided treatments to the clinical situation.