
Contents

1 Introduction	1
Ananya Panda, Vikas Gulani, and Lee Ponsky	
2 Normal Anatomy of Prostate	3
Ananya Panda and Vikas Gulani	
3 Prostate MRI: Technique and Sequences	11
Ananya Panda and Vikas Gulani	
4 Multiparametric MRI of Prostate: Analysis and Recommendations of Prostate Imaging Reporting and Data System (PI-RADS) Version 2.1	25
Ananya Panda and Vikas Gulani	
5 Biparametric MRI of Prostate: Can We Shorten the MR Imaging Protocol?	49
Verena Obmann, Ananya Panda, and Vikas Gulani	
6 MRI Appearance of Prostate Cancers in Locations Posing Diagnostic or Biopsy Challenges	59
Ananya Panda and Vikas Gulani	
7 Tumor Mimics: Benign Conditions that Mimic Prostate Cancer	67
Ananya Panda and Vikas Gulani	
8 The Value of Incorporating Multiparametric MRI for Active Surveillance in Patients with Prostate Cancer	79
Amr Mahran, Kirtishri Mishra, Christina Buzzy, and Lee Ponsky	
9 A Primer on Prostate MRI for the Practicing Urologist: Update on the Current Literature	89
Kirtishri Mishra, Laura Bukavina, Amr Mahran, and Lee Ponsky	
10 Quantitative Imaging of Prostate: Scope and Future Directions	97
Ananya Panda and Vikas Gulani	
Index	109