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3.1.1: Screening and Diagnosis: The Pros of PSA Screening; References; Chapter 3.1.2: The Argument Against Prostate Cancer Screening; A Brief History; Does PSA Screening Find Localized Prostate Cancer?; Does Treatment of Localized Disease Save Lives?; Does Screening Prevent Death From Prostate Cancer?; A Comparison of Populations; The Prospective Randomized Trials; Applying Clinical Studies to the Real World; Summary; References; Chapter 3.1.3: How Do We Improve PSA Accuracy?; Introduction; PSA Cutoff Threshold Percent of Free PSA (%FPSA) PSA Velocity; PSA Density; Individualized Predicting Tools for Prostate Cancer; Guidelines by American Urological Association; Conclusions; References; Chapter 3.2: Screening and Diagnosis: An Update on the ISUP-Modified Gleason Score and Its Controversies; Gleason Scoring System-A Brief History; The Need to Update the System; 2005 ISUP Consensus Conference and Subsequent Modifications; Issues Relating Specifically to Needle Biopsies and Radical Prostatectomy Specimens; Implications and Results of the ISUP-Modified Gleason Grading System Lingerin Problems of the Gleason Grading System Is it Time for a Modified Grouping of Gleason Scores for Prognostic Studies?; Conclusions; References; Chapter 3.3: Evaluation of Distant Disease: The Utility of Nuclear Imaging; Introduction; 18F-FDG; 18F-Sodium Fluoride; Choline: 18F-Choline and 11C-Choline; Acetate: 11C-Acetate; Amino Acids: 11C-Methionine and 18F-FACBC; 18F-FDHT; Prostate-Specific Membrane Antigen-Targeted Pet Agents; HER2; Conclusion; References; Chapter 4: Current Approaches to Prostate Cancer Staging and Risk Stratification: In the Midst of a Paradigm Shift; Introduction Clinical Staging for Initial Diagnosis and Treatment

Sommario/riassunto

With an emphasis on multidisciplinary collaboration and decision-making, this practical resource reflects the extraordinary advances in the treatment of prostate cancer during the past five years. Approximately thirty international, leading-edge investigators describe the most current evidence-based approaches to prostate cancer treatment. The book provides a comprehensive view of the entire spectrum of prostate cancer management from initial screening through novel and experimental treatments that have the potential for a major impact on practice. The book first reviews fundamental issues incl
