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Nota di contenuto	Male Lower Urinary Tract Symptoms and Benign Prostatic Hyperplasia; Copyright; Contents; Contributors; Chapter 1 Etiology and Pathogenesis; Introduction; What is BPH/LUTS? The biology; Regulation of the normal prostate; Androgen regulation of the prostate; Estrogens, progesterone, prostatic regulation, and BPH; Growth factors and chemokines in BPH/LUTS; Inflammatory changes associated with BPH; Prostate-associated Gene 4 as a stress modulator within the prostate; The need for biomarkers of BPH; Conclusions; Bibliography Chapter 2 Lower Urinary Tract Symptoms and Benign Prostatic Hyperplasia: Epidemiology, Correlates, and Risk Factors Introduction; Descriptive epidemiology, risk factors, and correlates; Metabolic syndrome, obesity, and LUTS; BPH/LUTS and sexual function in men; Measurement and classification of LUTS symptoms in epidemiological research: new concepts and methods; Summary and conclusion; Bibliography; Chapter 3 Clinical Assessment and Diagnosis of Lower Urinary Tract Dysfunction: United States; Introduction; Initial evaluation of men presenting with LUTS; Medical history Characterization of LUTS and quality of life Physical examination; Initial diagnostic tests; Differential diagnosis after the initial evaluation; Evaluation of the persistent or complicated LUTS in the male patient with LUTD; Diagnostic tests for patients with complicated LUTD; Additional selected diagnostic tests for complex BPH patients;

Bibliography; Chapter 4 Clinical Assessment and Diagnosis of Lower Urinary Tract Symptoms/Benign Prostatic Hyperplasia: Europe; Aim of the assessment; Investigational tests; Medical history; Symptom score; Physical examination and digital rectal examination  
Frequency-volume charts and bladder diariesUrinalysis (dipstick); Serum creatinine; PSA; Postvoid residual urine; Imaging of urinary tract; Endoscopy; Uroflowmetry; Pressure-flow studies; What happens in real life in Europe?; Bibliography; Chapter 5 Clinical Assessment and Diagnosis of Lower Urinary Tract Symptoms/Benign Prostatic Hyperplasia: Primary Care; Why should primary care be concerned?; Definitions; What are LUTS?; Normal function of the prostate; Abnormal function of the prostate; Normal function of the bladder; Abnormal function of the bladder  
History, physical, and laboratory evaluationOther modalities in assessment; Reasons for referral; Assessing bother; Summary; Chapter 6 Watchful Waiting; Introduction; Symptom progression; Acute urinary retention; Prostate size and growth; Bladder function changes in men over time; Renal disease and benign prostatic hyperplasia; Associations in common between chronic kidney disease and benign prostatic hyperplasia; Inflammation; Diabetes; Hypertension; Metabolic syndrome; Autonomic nervous system; Monitoring renal function in men with benign prostatic hyperplasia; End-stage renal disease  
Conclusion

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### Sommario/riassunto

Male Lower Urinary Tract Symptoms and Benign Prostatic Hyperplasia provides urologists of all levels with a practical, highly clinical guide to the variety of different symptoms and problems concerning the male lower urinary tract, including benign prostatic hyperplasia, one of the conditions that urologists most regularly encounter. Evidence-based throughout and written by the world's leading experts in the topic, it comprehensively reviews the very latest in diagnostics and imaging, patient phenotyping, genetic studies, medical and surgical therapies, and lifestyle management in orde

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