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Titolo	Management of obstructive sleep apnea : an evidence-based, multidisciplinary textbook // Ki Beom Kim [and three others], editors
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ISBN	3-030-54146-0
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XII, 646 p. 398 illus., 319 illus. in color.)
Disciplina	591.519
Soggetti	Sleep apnea syndromes - Treatment Mouth - Surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Principles and Fundamentals: Introduction -- Anatomical Aspects of Airway -- Classification of Sleep-Related Breathing Disorders -- Pathophysiology of OSA -- Pediatric Sleep-Related Breathing Disorders -- Health Consequences of OSA -- Psychological Effect of OSA. Diagnostic Considerations: Clinical Evaluation of OSA Patients -- Temporomandibular Evaluation -- Obesity and OSA -- Diagnostic Testing (Polysomnography And Home Sleep Apnea Testing) -- Airway Imaging -- Craniofacial Morphology Related to OSA -- Craniofacial Syndromes And Sleep-Related Breathing Disorders -- Biomarkers Associated with OSA -- Orthodontic Considerations for OSA Patients. Non-Surgical Management of the OSA Patient: Conservative Options for Management for OSA -- Positive Airway Therapy (CPAP, APAP And BPAP) -- Oral Appliance Therapy -- Emerging Therapies. Surgical Management of the OSA Patient: Surgical Considerations for OSA Patients -- Tonsillectomy and Adenoidectomy -- Nasal Surgery for OSA Patients -- Uvulopalatopharyngoplasty and Laser-Assisted Uvulopalatoplasty -- Transpalatal Advancement Pharyngoplasty -- Radiofrequency Ablation -- Tongue and Hyoid Procedures -- Hypoglossal Nerve Stimulation -- Maxillomandibular Advancement -- Computational Fluid Dynamics in OSA -- Orthognathic Surgical Considerations in OSA Patients -- Individualized Orthodontic Treatment and Surgical Plan for Patients with OSA.

## Sommario/riassunto

This book provides comprehensive information on the etiology, pathophysiology, medical implications, diagnosis, and surgical and nonsurgical treatment of obstructive sleep apnea (OSA). Divided into five parts, the book begins with principles and fundamentals of OSA and its diagnostic considerations. Subsequent parts then address non-surgical management, surgical management, and maxillomandibular advancements for OSA. Chapters seek to approach this common disorder from the viewpoint of multiple specialties, thereby promoting the development of a broad strategy for the evaluation and management of OSA patients that draws on each of them. An invaluable reference, *Management of Obstructive Sleep Apnea: An Evidence-Based, Multidisciplinary Textbook* meets the needs of advanced dental and medical students, orthodontic, maxillofacial, ENT, neurology, and plastic surgery residents, and sleep medicine and pulmonary physicians.

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