

1. Record Nr.	UNINA9910956819503321
Titolo	Obstructive sleep apnea : causes, treatment and health implications / / Lisandro M. Sacchetti and Priscilla Mangiardi, editors
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2012
ISBN	1-61209-198-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (226 p.)
Collana	Otolaryngology research advances
Altri autori (Persone)	SacchettiLisandro M. MangiardiPriscilla
Disciplina	616.209
Soggetti	Sleep apnea syndromes - Pathophysiology Sleep apnea syndromes - Treatment
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- OBSTRUCTIVE SLEEP APNEA CAUSES, TREATMENT AND HEALTH IMPLICATIONS -- OBSTRUCTIVE SLEEP APNEA CAUSES, TREATMENT AND HEALTH IMPLICATIONS -- CONTENTS -- PREFACE -- Chapter 1 RISK FACTORS AND INTERVENTIONS FOR NONADHERENCE TO CONTINUOUS POSITIVE AIRWAY PRESSURE (CPAP) -- ABSTRACT -- INTRODUCTION -- Measuring CPAP Adherence -- Predicting CPAP Adherence -- Barriers of CPAP Adherence -- Clinical Assessment of Adherence -- Demographic Predictors of Adherence -- Psychological Models Applied to CPAP Adherence -- Personality Correlates of Adherence -- Improving CPAP Adherence with Intervention -- CONCLUSION -- FUTURE DIRECTIONS -- REFERENCES -- Chapter 2 APPROACH TO THE SNORING PATIENT -- ABSTRACT -- INTRODUCTION -- HISTORY -- PREVALENCE -- DIAGNOSIS -- Etiology -- Clinical History -- Objective Measurements of Snoring -- Physical Exam -- Nasal and Nasopharyngeal Examination -- Pharyngeal Examination -- Hypopharyngeal Examination -- Testing -- TREATMENT -- BEHAVIORAL MODIFICATION -- NON-INVASIVE OPTIONS -- Nasal Airway Obstruction -- Palatal and Hypopharyngeal Obstruction -- Retrolingual Obstruction -- Positive Airway Pressure -- CPAP -- EPAP -- Oral Appliances -- SURGICAL OPTIONS -- SURGERY FOR NASAL AIRWAY OBSTRUCTION -- Caveat -- Nasal Valve Repair -- Turbinate Reduction -- Other Surgical Techniques -- SURGERY FOR CORRECTION

OF PALATAL AND HYPOPHARYNGEAL OBSTRUCTION -- Minimally Invasive -- Palatal Implants -- Injection Snoreplasty -- Laser Assisted Uvula Palatoplasty (LAUP) -- Palatal Radiofrequency Ablation (PRFA) -- Cautery-Assisted Palatal Stiffening (CAPSO) -- Invasive -- Uvulopalatopharyngoplasty and Z-Palatoplasty -- SURGERY FOR RETROLINGUAL OBSTRUCTION -- Invasive -- Radiofrequency Ablation of Base of Tongue (RFBOT) -- Tonsillectomy -- Partial Uvulectomy -- Tongue Suspension -- OTHER SURGICAL TECHNIQUES -- Bariatric Surgery.

CONCLUSION -- REFERENCES -- Chapter 3 BENEFITS OF CONTINUOUS POSITIVE AIRWAY PRESSURE THERAPY FOR OBSTRUCTIVE SLEEP APNOEA PATIENTS (OSAS): COMPLIANCE AND TECHNOLOGICAL PROGRESS DEVICES -- ABSTRACT -- Introduction -- Conclusion -- EDUCATIONAL AIMS -- IMPACT OF CONTINUOUS POSITIVE AIRWAY PRESSURE ON CARDIOVASCULAR METABOLIC AND RESPIRATORY EFFECTS -- Mortality -- Various -- EFFECTS ON DRIVING ABILITY -- ADHERENCE AND COMPLIANCE -- EFFECT OF FIXED VERSUS AUTO ADJUSTING CPAP TREATMENTS -- USE OF A-PAP TO DIAGNOSE AND TREATMENT IN PATIENTS WITH OSAS -- C-FLEX AND A-FLEX -- CPAP FUTURE -- EXPERT COMMENTARY -- REFERENCES -- Chapter 4 IS PRIMARY SNORING A BENIGN ISOLATED SYMPTOM? -- ABSTRACT -- HISTORICAL ASPECTS -- CO-MORBIDITY AND PRIMARY SNORING -- ANATOMICAL AND PATHOPHYSIOLOGICAL ASPECTS -- SNORING AND ITS RELATIONSHIP WITH SLEEP PHYSIOLOGY -- NASAL OBSTRUCTION AND PRIMARY SNORING -- PHARYNGEAL AND NASOPHARYNGEAL FACTORS AND PRIMARY SNORING -- PRIMARY SNORING AND SUBSTANCE CONSUMPTION -- MOOD, ANXIETY AND DEPRESSION -- COGNITION AND SNORING -- DIURNAL SYMPTOMS -- NOCTURNAL SYMPTOMS, SLEEP ARCHITECTURE AND SNORING -- REFERENCES -- Chapter 5 ASSESSMENT AND MANAGEMENT OF OBSTRUCTIVE SLEEP APNEA: THE OTOLARYNGOLOGY PERSPECTIVE -- ABSTRACT -- INTRODUCTION -- CAUSES OF OBSTRUCTIVE SLEEP APNEA -- HEALTH IMPLICATIONS OF OBSTRUCTIVE SLEEP APNEA -- TREATMENT -- REFERENCES -- Chapter 6 MECHANISMS UNDERLYING ENDOTHELIAL DYSFUNCTION IN OBSTRUCTIVE SLEEP APNEA SYNDROME (OSAS) PATIENTS -- ABSTRACT -- INTRODUCTION -- ENDOTHELIAL DYSFUNCTION -- ROLE OF OXIDATIVE STRESS AND SYSTEMIC INFLAMMATION IN ENDOTHELIAL DYSFUNCTION -- TRIGGERS OF SYMPATHETIC ACTIVATION -- CONCLUSION -- ACKNOWLEDGMENTS -- REFERENCES -- Chapter 7 OBSTRUCTIVE SLEEP APNEA-HYPOPNEA SYNDROME -- ABSTRACT -- 1. INTRODUCTION -- 2. HISTORICAL REVIEW. 3. SLEEP-DISORDERED BREATHING AS A SPECTRUM OF BREATHING DISORDERS DURING SLEEP -- 4. DEFINITIONS OF THE FORMS OF SLEEP-DISORDERED BREATHING -- 4.1. Snoring -- 4.2. Obstructive Sleep Apnea / Hypopnea Syndrome -OSAHS -- 4.3. Upper Airway Resistance Syndrome-UARS -- 5. EPIDEMIOLOGY OF SLEEP-DISORDERED BREATHING -- 5.1. Prevalence of Habitual Snoring and Obstructive Sleep Apnea/Hypopnea Syndrome -- 5.2. Prevalence of Upper Airway Resistance Syndrome -- 6. THE INCIDENCE AND PROGRESSION OF SLEEP DISORDERED BREATHING -- 7. PREDISPOSING RISK FACTORS FOR SLEEP-DISORDERED BREATHING -- 7.1. Gender -- 7.2. Obesity -- 7.3. Age -- 7.4. Genetics / Ethnicity -- 8. PATHOGENESIS OF SLEEP DISORDERED BREATHING -- 9. CLINICAL PRESENTATIONS -- 9.1. Nocturnal Features -- 9.2. Daytime Symptoms -- 10. CONSEQUENCES AND ASSOCIATIONS OF OSAHS WITH OTHER CONDITIONS -- 10.1. OSAHS as a Risk Factor for Hypertension -- 10.2. Other Cardiovascular Diseases -- 10.3. Cerebrovascular Diseases -- 11. MORTALITY -- 12. DIAGNOSIS OF SLEEP-DISORDERED BREATHING -- 12.1. History --

12.2. The Physical Examination -- 12.3. Objective Techniques For
Diagnosis -- 13. TREATMENTS -- 13.1. Behavioural or Lifestyle
Modifications -- 13.2. CPAP/BIPAP Treatment -- 13.3. Oral Appliances
-- 13.4. Surgery -- 13.5. Medications -- CONCLUSION -- REFERENCES
-- Chapter 8 INTRAORAL DEVICES FOR THE MANAGEMENT OF
OBSTRUCTIVE SLEEP APNEA-HYPOPNEA -- ABSTRACT --
INTRODUCTION -- GENERAL CONSIDERATIONS ON INTRAORAL DEVICES
-- TONGUE RETAINING DEVICES -- MANDIBULAR REPOSITIONING
APPLIANCES -- LITERATURE REVIEW ON EFFECTIVENESS AND COST-
TO-BENEFIT RATIO -- CONCLUSION -- REFERENCES -- INDEX.

Sommario/riassunto

Obstructive sleep apnea (OSA) is an often under-diagnosed disorder, characterised by periods of apnea and/or hypopnea that occurs during sleep. Emerging evidence shows that it is strongly associated with cardiovascular disease. In this book, the authors present current research in the study of the causes, treatment and health implications of OSA. Topics include the risk factors and interventions for non-adherence to CPAP; the benefits of CPAP therapy; a discussion on whether primary snoring is a benign symptom of OSA; mechanisms underlying endothelial dysfunction in OSA; and the efficacy of intraoral devices for OSA.
