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| Altri autori (Persone) | ChadwickDerek AckrillKate |
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| Nota di contenuto | CIRCADIAN CLOCKS AND THEIR ADJUSTMENT; Contents; Participants; Introduction; The genetic basis of the circadian clock: identification of <i>frq</i> and <i>FRQ</i> as clock components in <i>Neurospora</i> ; The effects of temperature change on the circadian clock of <i>Neurospora</i> ; Cellular analysis of a molluscan retinal biological clock; Circadian pacemakers in vertebrates; Organization of the mammalian circadian system; General discussion I; The effects of light on the <i>Gonyaulax</i> circadian system; Intrinsic neuronal rhythms in the suprachiasmatic nuclei and their adjustment; A non-photic gateway to the circadian clock of hamsters; Immediate-early genes and the neural bases of photic and non-photic entrainment; Interaction between the circadian clocks of mother and fetus; Alterations in the circadian system in advanced age; Clinical chronopharmacology: the importance of time in drug treatment; The effect of light on the human circadian pacemaker; Melatonin marks |

circadian phase position and resets the endogenous circadian pacemaker in humans; General discussion II; Index of contributors; Subject index

Sommario/riassunto

Prestigious contributors describe the genetic, molecular, anatomical and neurochemical mechanisms and pathways that operate to regulate and control circadian rhythmicity and functioning in organisms ranging from unicellular algae to human beings. Also considers the implications of the basic and clinical research for humans.

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Titolo

Obstructive sleep apnea : causes, treatment and health implications / /
Lisandro M. Sacchetti and Priscilla Mangiardi, editors

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Altri autori (Persone)

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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.
