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Altri autori (Persone)	ChadwickDerek AckrillKate
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Note generali	"Symposium on Circadian Clocks and Their Adjustment, held at the Ciba Foundation, London, 7-9 September 1993."
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Nota di contenuto	CIRCADIAN CLOCKS AND THEIR ADJUSTMENT; Contents; Participants; Introduction; The genetic basis of the circadian clock: identification of frq and FRQ as clock components in Neurospora; The effects of temperature change on the circadian clock of Neurospora; 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 Gonyaulax circadian system; Intrinsic neuronal rhythms in the suprachiasmatic nuclei and their adjustment A non-photic gateway to the circadian clock of hamstersImmediate-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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Collana

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Altri autori (Persone)

SacchettiLisandro M.
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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.

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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.
