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Autore	Baloh Robert W (Robert William), <1942->
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Nota di contenuto	Cover; CONTENTS; PART 1 ANATOMY AND PHYSIOLOGY OF THE NERVOUS SYSTEM; 1. OVERVIEW OF VESTIBULAR ANATOMY AND PHYSIOLOGY; PERIPHERAL VESTIBULAR RECEPTORS; CENTRAL VESTIBULAR PATHWAYS; VESTIBULAR REFLEXES; MOTION PERCEPTION AND ORIENTATION; PATHOPHYSIOLOGY OF VESTIBULAR SYMPTOMS; CENTRAL COMPENSATION FOR VESTIBULAR LESIONS; SUMMARY; 2. THE PERIPHERAL VESTIBULAR SYSTEM; TEMPORAL BONE; INNER EAR (LABYRINTH); THE HAIR CELL; THE INNER EAR VESTIBULAR RECEPTORS; PRIMARY VESTIBULAR NEURONS; EFFERENT VESTIBULAR NEURONS; 3. THE CENTRAL VESTIBULAR SYSTEM; VESTIBULAR NUCLEI; VESTIBULO-OCULAR REFLEXES CERVICO-OCULAR REFLEXESVISUAL-VESTIBULAR INTERACTION; VESTIBULOSPINAL REFLEXES; SUBJECTIVE VESTIBULAR SENSATION; PART 2 EVALUATION OF THE DIZZY PATIENT; 4. EPIDEMIOLOGY OF DIZZINESS; SPECIFIC DISORDERS; BURDEN ON PATIENTS; HEALTH CARE UTILIZATION; SUMMARY; 5. THE HISTORY OF THE DIZZY PATIENT;

VERTIGO; NEAR-FAINT DIZZINESS; PSYCHOPHYSIOLOGIC DIZZINESS (CHRONIC SUBJECTIVE DIZZINESS); DRUG-INDUCED DIZZINESS; HYPOGLYCEMIA; DISEQUILIBRIUM; OCULAR DIZZINESS; MULTISENSORY DIZZINESS; PHYSIOLOGIC DIZZINESS; SUMMARY: DISTINGUISHING BETWEEN VESTIBULAR AND NONVESTIBULAR TYPES OF DIZZINESS  
6. BEDSIDE EXAMINATION OF THE VESTIBULAR SYSTEM EXAMINATION OF THE EAR; TESTS OF VESTIBULOSPINAL REFLEXES; TESTS OF VESTIBULO-OCULAR REFLEXES; TESTS FOR PATHOLOGIC NYSTAGMUS; TYPES OF PATHOLOGIC NYSTAGMUS; OTHER OCULAR OSCILLATIONS; OCULAR TILT REACTION; 7. LABORATORY EXAMINATION OF THE VESTIBULAR SYSTEM; NYSTAGMOGRAPHY; ROTATIONAL TESTING OF VESTIBULO-OCULAR REFLEXES; VISUAL-VESTIBULAR INTERACTION; TESTS OF OTOLITH-OCULAR REFLEXES; VESTIBULOSPINAL TESTING; VESTIBULAR-EVOKED POTENTIALS; 8. CLINICAL EVALUATION OF HEARING; TYPES OF HEARING DISORDERS; BEDSIDE TESTS OF HEARING BEHAVIORAL AUDIOMETRY IMPEDANCE AUDIOMETRY; TYMPANOMETRY; AUDITORY-EVOKED RESPONSES; GENERATING POTENTIALS; TEST METHODOLOGY; RESULTS IN PATIENTS; CENTRAL AUDITORY SPEECH TESTS; SUMMARY OF AUDITORY TEST RESULTS; PART 3 DIAGNOSIS AND MANAGEMENT OF COMMON NEUROTOLOGIC DISORDERS; 9. INFECTIOUS DISEASES; ACUTE OTITIS MEDIA AND OTOMASTOIDITIS; CHRONIC MASTOIDITIS AND CHOLESTEATOMA; BACTERIAL LABYRINTHITIS; PETROSITIS; INTRACRANIAL EXTENSION OF EAR INFECTIONS; MALIGNANT EXTERNAL OTITIS; VIRAL INFECTIONS OF THE INNER EAR; SYPHILITIC INFECTIONS OF THE EAR TUBERCULOSIS AND MYCOTIC INFECTIONS OF THE INNER EAR 10. BENIGN POSITIONAL VERTIGO; HISTORICAL BACKGROUND; CAUSES OF BENIGN POSITIONAL VERTIGO; POSTERIOR CANAL VARIANT OF BENIGN POSITIONAL VERTIGO; OTHER VARIANTS OF BENIGN POSITIONAL VERTIGO; 11. ENDOLYMPHATIC HYDROPS (MENIERE'S SYNDROME); BACKGROUND; OCCURRENCE; CLINICAL FEATURES; PATHOPHYSIOLOGY; ANIMAL MODELS; ETIOLOGY; DIAGNOSIS; MANAGEMENT; 12. MIGRAINE; BACKGROUND; CLINICAL FEATURES; PATHOPHYSIOLOGY; DIAGNOSIS; MANAGEMENT; 13. IMMUNE-MEDIATED DISEASES; AUTOIMMUNE INNER EAR DISEASE; PARANEOPLASTIC IMMUNE DISORDERS; MULTIPLE SCLEROSIS  
14. VASCULAR DISORDERS

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Sommario/riassunto

This book provides a framework for understanding the pathophysiology of diseases involving the vestibular system. The book is divided into four parts: I. Anatomy and physiology of the vestibular system; II. Evaluation of the dizzy patient; III. Diagnosis and management of common neurotologic disorders; and IV. Symptomatic treatment of vertigo. Part I reviews the anatomy and physiology of the vestibular system with emphasis on clinically relevant material. Part II outlines the important features in the patient's history, examination, and laboratory evaluation that determine the probable site of

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