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Cervicocollic Reflex; Visual Reflexes
Somatosensory ReflexesNeurophysiology of Benign Paroxysmal
Positional Vertigo; Higher-Level Vestibular Processing; Velocity Storage;
Internal Estimation-Going Beyond Reflexes; Higher Level Problems of
the Vestibular System; Compensation for Overload; Vestibular
Ambiguity; Motion Sickness; Repair; Summary; Chapter 2 Vestibulo-
ocular Reflex Adaptation; Role of Vision and Head Motion in
Adaptation-Overview; Critical Evidence of VOR Adaptation in Animals;
Consolidation of VOR Learning; Role of the Peripheral End Organ in VOR
Adaptation; Brainstem versus Cerebellar Site of Adaptation
Unique Neuroplasticity Dependent on Lesion TypeCritical Evidence of
VOR Adaptation in Human; Short-term VOR Adaptation in Normal
Function; VOR Gain Retention; VOR Adaptation in Unilateral Vestibular
Hypofunction; Summary; Chapter 3 The Role of the Vestibular System in
Postural Control; Perceiving Position and Self-Motion; Sensory
Orientation; Orienting the Body to Vertical; Postural Alignment;
Weighting Sensory Information; Controlling Center of Mass- Postural
Responses; Triggering Automatic Postural Responses; Selection of
Postural Strategies; Stabilizing the Head and the Trunk
Clinical ImplicationsSummary; Section Two: Fundamentals of
Dysfunction; Chapter 4 Vestibular System Disorders; Benign Paroxysmal
Positional Vertigo; Vestibular Neuritis; Meniere's Disease and
Endolymphatic Hydrops; Perilymphatic Fistula; Vestibular Paroxysmia
(Disabling Positional Vertigo); Bilateral Vestibular Disorders; Summary;
Chapter 5 Vestibular Lesions of the Central Vestibular Pathways;
Clinical Classification of Central Vestibular Disorders; Vestibular
Disorders in (Frontal) Roll Plane; Etiology; Natural Course and
Management
Thalamic and Cortical Astasia Associated with Subjective Visual Vertical
Tilts

Sommario/riassunto

Recognized as two of the world's leading authorities on the subject, Susan Herdman and Richard Clendaniel, joined by a team of expert contributors, deliver the 4th Edition of the field's definitive text on the management of vestibular diseases and disorders. From assessment through therapy, they present the scientific and clinical knowledge you need to distinguish between vestibular and non-vestibular dizziness and to plan and implement the appropriate treatments
