## Contents

## **Section 1: The Basics**

Commentary 1:	Neurology of Human Balance	3
Commentary 2:	Cerebellar and Vestibular Control of Eye Movements and Nystagmus	14
Commentary 3:	Definitions and Classification of Vestibular Disorders	41
Commentary 4:	Bedside Assessment of the Dizzy Patient	46
Commentary 5:	Pitfalls in the Diagnosis of Vertigo and Dizziness	54
Commentary 6:	Summary of History and Findings in Common Vestibular Disorders	55
Commentary 7:	Vestibular Function Tests – 1: Tests and Principles	57
Commentary 8:	Vestibular Function Tests – 2: Investigating a Patient with Vertigo Section 2: Case Studies	<sup>69</sup> 0 m

CASE 1:	What is not Vertigo?	75
CASE 2:	Vertigo in a Middle-aged Man on Waking	79
CASE 3:	Another Case of Vertigo on Waking	79
CASE 4:	A Complex Case of Benign Paroxysmal Positional Vertigo	89
CASE 5:	Acute Vertigo in an Elderly Female	92
CASE 6:	Acute Onset Vertigo with Hearing Loss	102
CASE 7:	A Case of Recurrent Brief Spells of Spinning with Bilateral Hearing Loss	105
CASE 8:	A Middle-aged Man with Isolated Hearing Loss	117
CASE 9:	Another Case of Isolated Hearing Loss	119
CASE 10:	A Young Lady with Unilateral Vestibular Dysfunction	121
CASE 11:	A Middle-aged Man with a Long History of Vertigo and Dizziness	123
CASE 12:	A Case of Recurrent Vertigo with Fullness in the Ears and Tinnitus	125

	CASE 13:	A Middle-aged Lady with Recurrent very Brief Spells of Vertigo	129
	CASE 14:	An Elderly Man who felt off Balance on Turning the Neck to Either Side	132
	CASE 15:	An Elderly Man who was Thrown off his Motor Bike	143
	CASE 16:	A Middle-aged Lady with Recurrent Falls	143
	CASE 17:	An Elderly Man with Recurrent Transient Neurological Problem	145
	CASE 18:	A Case of Headache and Vertigo	149
	CASE 19:	Another Case of Headache and Vertigo	153
	CASE 20:	An Elderly Man with Recent Onset of Unsteadiness in Walking	157
	CASE 21:	Another Case of Unsteadiness in Walking	157
	CASE 22:	Yet Another Case of Unsteadiness in Walking	159
	CASE 23:	An Elderly Doctor with Gross Unsteadiness	163
	CASE 24:	A Lawyer who was Severely Beaten	175
	CASE 25:	A Lady who Returned from Andaman Swaying All the Time!	177
/	CASE 26:	A Young Boy with Vertigo and Seizure	179
/	CASE 27:	A Young Child with Recurrent Vertigo	182
	CASE 28:	A Young Boy with Transient Disturbance of Vision	188
	CASE 29:	A Young Boy with a Head Tilt	190
	CASE 30:	Anticonvulsant Toxicity or Vestibular Dysfunction?	196
	CASE 31:	Vertigo in the Elderly	197
	CASE 32:	Headache and Dizziness in an Elderly Lady	199
	CASE 33:	A Complex Problem!	201
	CASE 34:	Is it Psychogenic Dizziness?	203
	CASE 35:	Feeling a Sway All Time for Five Years!	205
	CASE 36:	It All Happened during a Train Journey!	208
	CASE 37:	A Posterior Circulation Stroke in a Young Man	213
	CASE 38:	A Posterior Circulation Stroke in an Elderly Lady	217
	CASE 39:	Another Posterior Circulation Stroke in a Young Man due to an Uncommon Cause which should not be Overlooked	219
	CASE 40:	A Stroke after CABG	221
	CASE 41:	Posterior Circulation Stroke with Dual Mechanisms	223

		Contents xiii
CASE 42:	Another Posterior Circulation Stroke but with a	
	Different Mechanism	225
CASE 43:	A Case with Clinical and Investigation Discordance	227
CASE 44:	A Medullary Stroke	230
CASE 45:	A Case of a Wake-up Stroke	232
CASE 46:	Spontaneous Recovery from Vertigo in a Young Girl	235
CASE 47:	Another Young Girl with Headache, Vertigo, and Double Vision	240
CASE 48:	A Case of Acoustic Neuroma with an Uncommon Presentation	243
CASE 49:	Vertigo Following Lumbar Spine Surgery	246
CASE 50:	A Young Girl with Sudden Loss of Hearing in both Ears	249
CASE 51:	Doctor! My Right Ear is Dead!!	256
CASE 52:	Insomnia due to Ringing in the Ears	258
CASE 53:	A Middle-aged Lady with Sudden Onset of Tinnitus in the Right Ear	260
CASE 54:	All that Glitters is not Gold!	263
CASE 55: CASE 56:	COVID-19 and Vertigo-1 COVID-19 and Vertigo-2	$C^{265}_{266}$
CASE 57:	Unsteadiness in Gait Following COVID-19 Infection	267
CASE 58:	A Case of Vertigo Induced by Loud Noise	269
	Section 3: Management Issues	
Comment	ary 9: Vertigo in Posterior Circulation Strokes	275
Comment	ary 10: Canalith Repositioning Techniques	292
Comment	ary 11: Medical Management of Vertigo	299

311