

PART I: GENERAL INTRODUCTION

- 1: Classification and diagnosis of headache disorders, *Jes Olesen and Richard B. Lipton*
- 2: Taking a headache history: Tips and tricks, *James W. Lance and David W. Dodick*
- 3: Diagnostic neuroimaging in migraine, *Mark C. Kruit and Arne May*
- 4: Headache mechanisms, *Andrew Charles*
- 5: Headache in history, *M. J. Eadie*

PART II: MIGRAINE

- 6: Migraine: Clinical features and diagnosis, *Richard Peatfield and Fumihiko Sakai*
- 7: Migraine trigger factors: Facts and myths, *Guus G. Schoonman, Henrik Winther Schytz, and Messoud Ashina*
- 8: Hemiplegic migraine and other monogenic migraine subtypes and syndromes, *Nadine Pelzer, Tobias Freilinger, and Gisela M. Terwindt*
- 9: Retinal migraine, *Brian M. Grosberg and C. Mark Sollars*
- 10: Migraine, stroke, and the heart, *Simona Sacco and Antonio Carolei*
- 11: Non-vascular comorbidities and complications, *M. A. Louter, A. Scher, and G. M. Terwindt*
- 12: Migraine and epilepsy, *Pasquale Parisi, Dorothee Kasteleijn Nolst Trenite, Johannes A. Carpay, Laura Papetti, and Maria Chiara Paolino*
- 13: Migraine and vertigo, *Yoon-Hee Cha*
- 14: Treatment and management of migraine: Acute, *Miguel J. A. Láinez and Vesselina Grozeva*
- 15: Treatment and management: Preventive, *Andrew Charles and Stefan Evers*
- 16: Treatment and management: Non-pharmacological, including neuromodulation, *Delphine Magis*

PART III. TRIGEMINAL AUTONOMIC CEPHALGIAS (TACs)

- 17: Classification, diagnostic criteria, and epidemiology
- 18: Cluster headache: Clinical features and management
- 19: Paroxysmal hemicrania: Clinical features and management
- 20: SUNCT/SUNA: Clinical features and management
- 21: Hemicrania continua
- 22: The cluster tic syndrome and other combinations of primary headaches with trigeminal neuralgia

PART IV. OTHER PRIMARY SHORT-LASTING AND RARE HEADACHES

- 24: Cough headache, *Julio Pascual and Peter van den Berg*
- 25: Exertional and sex headache, *Shih-Pin Chen, Julio Pascual, and Shuu-Jiun Wang*

- 26: Hypnic headache, *Dagny Holle and David W. Dodick*
- 27: Cranial neuralgias and persistent idiopathic facial pain, *Aydin Gozalov, Messoud Ashina, and Joanna M. Zakrzewska*
- 28: Some rare headache disorders, including Alice in Wonderland Syndrome, Blip Syndrome, Cardiac Cephalalgia, Epicrania Fugax, Exploding Head Syndrome, Harlequin Syndrome, Lacrimal Neuralgia, Neck-Tongue Syndrome and Red Ear Syndrome, *Randolph W. Evans*

PART V: TENSION-TYPE HEADACHE

- 29: Tension-type headache: Classification, clinical features and management, *Stefan Evers*
- 30: New daily persistent headache, *Kuan-Po Peng, Matthew S. Robbins, and Shuu-Jiun Wang*
- 31: Chronic migraine and medication overuse headache, *David W. Dodick and Stephen D. Silberstein*
- 32: Frequent headaches with and without acute medication overuse: Management and international differences, *Christina Sun-Edelstein and Alan M. Rapoport*
- 33: Nummular headache, *Juan A. Pareja and Carrie E. Robertson*

PART VI: SECONDARY HEADACHES: DIAGNOSIS & TREATMENT

- 34: Thunderclap headache, *Agnes van Sonderen, Hille Koppen, and Sebastiaan F.T.M de Bruijn*
- 35: Headache associated with head trauma, *Sylvia Lucas*
- 36: Cervicogenic Headache, *Nikolai Bogduk*
- 37: Headache and neurovascular disorders, *Marieke J. H. Wermer, Hine J.A. van Os, and David W. Dodick*
- 38: Headache associated with low cerebrospinal fluid pressure, *F. Amoozegar, E. Dilli, Rashmi B. Halker, and A.J. Starling*
- 39: Headache associated with high cerebrospinal fluid pressure, *Ore-Ofe Adesina, Sudama Reddi, Deborah Friedman, and Kathleen Digre*
- 40: Headache associated with systemic infection, intoxication or metabolic derangement, *Ana Marissa Lagman-Bartolome and Jonathan P. Gladstone*
- 41: Headache associated with intracranial infection, *Matthijs C. Brouwer and Jonathan P. Gladstone*
- 42: Remote causes of ocular and periorbital pain, *Deborah I. Friedman*
- 43: Orofacial pain: Dental head pains, temporomandibular disorders, and headache, *Steven B. Graff-Radford and Alan C. Newman*
- 44: HANDL syndrome, *Germán Morís and Julio Pascual*
- 45: Nasal and sinus headaches, *Vincent T. Martin and Maurice Vincent*
- 46: Giant cell arteritis and primary central nervous system vasculitis as causes of headache, *Mamoru Shibata, Norihiro Suzuki, and*

Gene Hunder

47: Headache related to an intracranial neoplasm, *Elizabeth Leroux and Catherine Maurice*

48: Headache and chiari malformation, *Dagny Holle and Julio Pascual*

49: Reversible cerebral vasoconstriction syndrome, *Aneesh B. Singhal*

PART VII: SPECIAL TOPICS

50: Headaches in the young, *Vincenzo Guidetti, Benedetta Bellini, and Andrew D. Hershey*

51: Headaches in the elderly, *Jonathan H. Smith, Andreas Straube, and Jerry W. Swanson*

52: Headache and psychiatry, *Maurizio Pompili, Dorian A. Lamis, Frank Andrasik, and Paolo Martelletti*

53: Headache and hormones, including pregnancy and breast feeding, *S. Labrijere, K. Ibrahimi, E. G.M. Couturier, and A.MaasenVanDenBrink*

54: Headache and the weather, *Guus G. Schoonman, Jan Hoffmann, and Werner J. Becker*

55: Headache and sport, *David P. Kernick and Peter J. Goadsby*

56: Headache attributed to airplane travel, *Federico Mainardi and Giorgio Zanchin*

57: Headache and sleep, *Stefan Evers and Rigmor Jensen*

58: Headache and fibromyalgia, *Marina de Tommaso and Vittorio Sciruicchio*

59: Visual snow, *Gerrit L. J. Onderwater and Michel D. Ferrari*