

Mc
Graw
Hill
Education



Adams and Victor's
**Principles of
Neurology**

TENTH EDITION

Allan H. Ropper

Martin A. Samuels

Joshua P. Klein



10044062

ห้องสมุด วพบ. สุรินทร์

Preface vii

Acknowledgments, ix

PART 1: THE CLINICAL METHOD OF NEUROLOGY, 1

- 1 Approach to the Patient with Neurologic Disease, 3
- 2 Imaging, Electrophysiologic, and Laboratory Techniques for Neurologic Diagnosis, 13

PART 2: CARDINAL MANIFESTATIONS OF NEUROLOGIC DISEASE, 41

SECTION 1 Disorders of Motility 43

- 3 Motor Paralysis 45
- 4 Abnormalities of Movement and Posture Caused by Disease of the Basal Ganglia 64
- 5 Ataxia and Disorders of Cerebellar Function 81
- 6 Tremor, Myoclonus, Focal Dystonias, and Tics 92
- 7 Disorders of Stance and Gait 115

SECTION 2 Pain and Other Disorders of Somatic Sensation, Headache, and Backache 127

- 8 Pain 128
- 9 Other Somatic Sensation 150
- 10 Headache and Other Craniofacial Pains 168
- 11 Pain in the Back, Neck, and Extremities 198

SECTION 3 Disorders of the Special Senses 225

- 12 Disorders of Smell and Taste 226
- 13 Disturbances of Vision 235
- 14 Disorders of Ocular Movement and Pupillary Function 260
- 15 Deafness, Dizziness, and Disorders of Equilibrium 290

SECTION 4 Epilepsy and Disorders of Consciousness 317

- 16 Epilepsy and Other Seizure Disorders 318
- 17 Coma and Related Disorders of Consciousness 357
- 18 Faintness and Syncope 383
- 19 Sleep and Its Abnormalities 395

SECTION 5 Derangements of Intellect, Behavior, and Language Caused by Diffuse and Focal Cerebral Disease 419

- 20 Delirium and Other Acute Confusional States 421
- 21 Dementia, the Amnesic Syndrome, and the Neurology of Intelligence and Memory 434
- 22 Neurologic Disorders Caused by Lesions in Specific Parts of the Cerebrum 455
- 23 Disorders of Speech and Language 486

SECTION 6 Disorders of Energy, Mood, and Autonomic and Endocrine Functions 507

- 24 Fatigue, Asthenia, Anxiety, and Depression 508
- 25 The Limbic Lobes and the Neurology of Emotion 518
- 26 Disorders of the Autonomic Nervous System, Respiration, and Swallowing 530
- 27 The Hypothalamus and Neuroendocrine Disorders 563

PART 3: GROWTH AND DEVELOPMENT OF THE NERVOUS SYSTEM AND THE NEUROLOGY OF AGING 577

- 28 Normal Development and Deviations in Development of the Nervous System 579
- 29 The Neurology of Aging 606

PART 4: MAJOR CATEGORIES OF NEUROLOGIC DISEASE 615

- 30 Disturbances of Cerebrospinal Fluid, Including Hydrocephalus, Pseudotumor Cerebri, and Low-Pressure Syndromes 617
- 31 Intracranial Neoplasms and Paraneoplastic Disorders 639
- 32 Infections of the Nervous System (Bacterial, Fungal, Spirochetal, Parasitic) and Sarcoidosis 697
- 33 Viral Infections of the Nervous System, Chronic Meningitis, and Prion Diseases 743
- 34 Cerebrovascular Diseases 778
- 35 Craniocerebral Trauma 885
- 36 Multiple Sclerosis and Other Inflammatory Demyelinating Diseases 915
- 37 Inherited Metabolic Diseases of the Nervous System 946

- 38 Developmental Diseases of the Nervous System 1003
- 39 Degenerative Diseases of the Nervous System 1060
- 40 The Acquired Metabolic Disorders of the Nervous System 1132
- 41 Diseases of the Nervous System Caused by Nutritional Deficiency 1161
- 42 Alcohol and Alcoholism 1186
- 43 Disorders of the Nervous System Caused by Drugs, Toxins, and Chemical Agents 1200

PART 5: DISEASES OF SPINAL CORD, PERIPHERAL NERVE, AND MUSCLE 1235

- 44 Diseases of the Spinal Cord 1237
- 45 Electrophysiologic and Laboratory Aids in the Diagnosis of Neuromuscular Disease 1288

- 46 Diseases of the Peripheral Nerves 1310
- 47 Diseases of the Cranial Nerves 1391
- 48 Diseases of Muscle 1407
- 49 Myasthenia Gravis and Related Disorders of the Neuromuscular Junction 1472
- 50 The Myotonias, Periodic Paralyzes, Cramps, Spasms, and States of Persistent Muscle Fiber Activity 1490

PART 6: PSYCHIATRIC DISORDERS 1507

- 51 Anxiety Disorders, Hysteria, and Personality Disorders 1509
 - 52 Depression and Bipolar Disease 1529
 - 53 Schizophrenia, Delusional and Paranoid States 1543
- Index 1561