

Part I: Common Neurological Problems

1. Diagnosis of Neurological Disease
2. Episodic Impairment of Consciousness
3. Falls and Drop Attacks
4. Delirium
5. Stupor and Coma
6. Brain Death, Vegetative, and Minimally Conscious States
7. Intellectual and Memory Impairments
8. Global Developmental Delay and Regression
9. Behavior and Personality Disturbances
10. Depression and Psychosis in Neurological Practice
11. Limb Apraxias and Related Disorders
12. Agnosias
13. Aphasia and Aphasic Syndromes
14. Dysarthria and Apraxia of Speech
15. Neurogenic Dysphagia
16. Neuro-Ophthalmology: Afferent Visual System
17. Pupillary and Eyelid Abnormalities
18. Neuro-ophthalmology: Ocular Motor System
19. Disturbances of Smell and Taste
20. Cranial and Facial Pain
21. Brainstem Syndromes
22. Neuro-otology: Diagnosis and Management of Neuro-otological Disorders
23. Cerebellar Ataxia
24. Diagnosis and Assessment of Parkinson disease and other movement disorders
25. Gait Disorders
26. Hemiplegia and Monoplegia
27. Paraplegia, Diplegia, and Spinal Cord Syndromes
28. Proximal, Distal, and Generalized Weakness

- 29. Muscle Pain and Cramps
- 30. Hypotonic (Floppy) Infant
- 31. Sensory Abnormalities of the Limbs, Trunk, and Face
- 32. Arm and Neck Pain
- 33. Lower Back and Lower Limb Pain

Part II: Neurological Investigations and Interventions

- 34. Investigations in Diagnosis and Management of Neurological Disease
- 35. Electroencephalography and Evoked Potentials
- 36. Clinical Electromyography
- 37. Extracranial Neuromodulation
- 38. Intracranial Neuromodulation
- 39. Intraoperative Monitoring
- 40. Structural Imaging using Magnetic Resonance Imaging and Computed Tomography
- 41. Vascular Imaging using Computed Tomographic Angiography, Magnetic Resonance Angiography, and Ultrasound
- 42. Functional and Chemical Imaging
- 43. Ocular Functional and Structural Investigations
- 44. Neuropsychology
- 45. Neurourology
- 46. Sexual Dysfunction in Neurologic Disorders
- 47. Neuroepidemiology
- 48. Clinical Neurogenetics
- 49. Neuroimmunology
- 50. Neuroendocrinology

Part III: Neurological Diseases and their Treatment

- 51. Management of Neurological Disease
- 52. Pain Management
- 53. Neurointensive Care
- 54. Principles of NeuroEndovascular Therapy

55. Neurological Rehabilitation
56. Transition Neurology
57. Neurological Complications of Systemic Disease in Adults
58. Neurological Complications of Systemic Disease in Children
59. Basic Neuroscience of Neurotrauma
60. Sports Related Concussion
61. Craniocerebral Trauma
62. Spinal Cord Trauma
63. Peripheral Nerve Trauma
64. Ischemic Cerebrovascular Disease
65. Intracerebral Hemorrhage
66. Intracranial Aneurysms and Subarachnoid Hemorrhage
67. Stroke in Children
68. Spinal Cord Vascular Disease
69. Central Nervous System Vasculitis
70. Epidemiology of Brain Tumors
71. Pathology and Molecular Genetics of Brain Tumors
72. Clinical Features of Brain Tumors and Complications of their Treatment
73. Primary Nervous System Tumors in Adults
74. Primary Nervous System Tumors in Infants and Children
75. Nervous System Metastases
76. Neurological Manifestations of Human Immunodeficiency Virus Infection in Adults
77. Viral Encephalitis and Meningitis
78. Bacterial, Fungal and Parasitic Diseases of the Nervous System
79. Multiple Sclerosis and Other Inflammatory Demyelinating Diseases of the Central Nervous System
80. Paraneoplastic disorders of the nervous system
81. Autoimmune encephalopathies with antibodies to cell surface antigens
82. Anoxic-Ischemic Encephalopathy
83. Toxic and Metabolic Encephalopathies

84. Deficiency Diseases of the Nervous System
85. Effects of Toxins and Physical Agents on the Nervous System
86. Effects of Drug Abuse on the Nervous System
87. Brain Edema and Disorders of Cerebrospinal Fluid Circulation
88. Developmental Disorders of the Nervous System
89. Autism and Other Developmental Disabilities
90. Inborn Errors of Metabolism of the Nervous System
91. Mechanisms of Neurodegenerative Disorders
92. Mitochondrial Disorders
93. Prion Diseases
94. Alzheimer's Disease and other Dementias
95. Parkinsonian and Other Movement Disorders
96. Disorders of the Cerebellum, Including the Degenerative Ataxias
97. Disorders of Upper and Lower Motor Neurons
98. Channelopathies: Episodic and Electrical Disorders of the Nervous System
99. Neurocutaneous Syndromes
100. Epilepsies
101. Sleep and Its Disorders
102. Headache and Other Craniofacial Pain
103. Cranial Neuropathies
104. Disorders of Bones, Joints, Ligaments, and Meninges
105. Disorders of Nerve Roots and Plexuses
106. Disorders of Peripheral Nerves
107. Disorders of the Autonomic Nervous System
108. Disorders of Neuromuscular Transmission
109. Disorders of Skeletal Muscle
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111. Cerebral Palsy
112. Neurological Problems of Pregnancy

113. Psychogenic, Functional and Dissociative Neurological Symptoms

114. Palliative and End of Life Care in Neurological Disease