Contents

CHAPTER 1	An Overview of the Nervous System	1
CHAPTER 2	Neuroradiology: Imaging of the Brain	23
CHAPTER 3	Coma	35
CHAPTER 4	Epilepsy	44
CHAPTER 5	Ischemic Stroke	63
CHAPTER 6	Intracranial Hemorrhage	86
CHAPTER 7	Headache, Migraine, and Vertigo	104
CHAPTER 8	Movement Disorders and Dystonia	116
CHAPTER 9	Parkinsonism	133
CHAPTER 10	Cerebellar Disorders and Ataxias	148
CHAPTER 11	Dementia and Tips to Improve Memory	157
CHAPTER 12	Sleep Disorders	180
CHAPTER 13	Infections of the Central Nervous System	196
CHAPTER 14	HIV and AIDS: Effects on the Nervous System	219
CHAPTER 15	Brain Tumors	228

CHAPTER 16 Cerebral Palsy, Autism, and Attention Deficit Hyperactivity Disorder 240

CHAPTER 17 Diseases of the Spinal Cord: Myelopathies 250

CHAPTER 18 Multiple Sclerosis 264

CHAPTER 19 Motor Neuron Disease 278

CHAPTER 20 Diseases of the Peripheral Nerves: Neuropathies 285

CHAPTER 21 Myasthenia Gravis 303

CHAPTER 22 Diseases of the Muscles: Myopathies 311

CHAPTER 23 Stress 321

CHAPTER 24 Common Psychiatric Disorders 333

CHAPTER 25 Neurosurgery: An Overview 345

CHAPTER 26 Side Effects of Some Commonly Used Neurological Medicines 364

CHAPTER 27 Tips for Hospitalized Patients 375

APPENDIX: Patient Information Guide *385*

Glossary *387*

Index *399*