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- Features a glossary of key terms that elucidates every part of the text, complimented by 3-dimensional images of the brain and the most up-to-date terminology throughout.
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1. Introduction to the Nervous System
2. Development of the Nervous System
3. Gross Anatomy and general Organization of the Central Nervous System
4. Meningeal Coverings of the Brain and Spinal Cord
5. Ventricles and Cerebrospinal Fluid
6. Blood Supply of the Brain
7. Electrical Signaling by Neurons
8. Synaptic Transmission between Neurons
9. Sensory Receptors and the Peripheral Nervous System
10. Spinal Cord
11. Organization of the Brainstem
12. Cranial Nerves and Their Nuclei
13. The Chemical Senses of Taste and Smell
14. Hearing and Balance: The Eight Cranial Nerve
15. Atlas of the Human Brainstem
16. The Thalamus and Internal Capsule: Getting to and from the Cerebral Cortex
17. The Visual System
18. Overview of Motor Systems
19. Basal Nuclei
20. Cerebellum
21. Control of Eye Movements
22. Cerebral Cortex
23. Drives and Emotions: The Hypothalamus and Limbic System
24. Formation, Modification, and Repair of Neuronal Connections
25. Atlas of the Human Forebrain

Glossary