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FILTERING; TIME AND FREQUENCY DOMAIN ANALYSIS; 5. ELECTROPHYSIOLOGIC GENERATORS IN CLINICAL NEUROPHYSIOLOGY; PHYSIOLOGIC GENERATORS; STRUCTURAL GENERATORS; 6. CLASSIFICATION OF WAVEFORM CHARACTERISTICS; CONTINUOUS WAVEFORMS; EVENT RECORDING; 7. ALTERATION OF WAVEFORMS AND ARTIFACTS; PHYSIOLOGIC ALTERATION OF WAVEFORMS ARTIFACTUAL WAVEFORMSSECTION 2. ELECTROPHYSIOLOGIC ASSESSMENT OF NEURAL FUNCTION; Part A. Cortical Function; 8. ELECTROENCEPHALOGRAPHY: GENERAL PRINCIPLES AND ADULT ELECTROENCEPHALOGRAMS; 9. ELECTROENCEPHALOGRAPHY: ELECTROENCEPHALOGRAMS OF NEONATES, INFANTS, AND CHILDREN; 10. AMBULATORY ELECTROENCEPHALOGRAPHY; 11. PROLONGED VIDEO ELECTROENCEPHALOGRAPHY; 12. ELECTROENCEPHALOGRAPHIC SPECIAL STUDIES; 13. ELECTROENCEPHALOGRAPHIC RECORDINGS FOR EPILEPSY SURGERY; 14. MOVEMENT-RELATED POTENTIALS AND EVENT-RELATED POTENTIALS; Part B. Sensory Pathways; 15. NERVE ACTION POTENTIALS
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Sommario/riassunto

This text covers the entire range of electrophysiologic measures that can be used in the diagnosis and monitoring of neurologic diseases. It brings together EMG, EEG, evoked potentials, autonomic nervous system testing, sleep, surgical monitoring, motor control, vestibular testing and magnetic stimulation into a single volume.