Abstract

This one-of-a-kind reference is unique in its exclusive devotion to the clinical neurophysiology of children. Written by a stellar group of recognized authorities, it blends classical electrophysiological techniques such as EEG, EMG, and nerve conduction studies with today's most cutting-edge methods, including magnetic stimulation and magnetoencephalography. The result is the first comprehensive review of all clinical neurophysiological techniques used to treat children with neurological disorders. This stand-alone text is essential to anyone performs or interprets neurophysiological tests on children. Provides detailed correlations between clinical features and neurophysiological studies, as well as vital information on both common and rare neurological disorders. Includes practical guidelines on interpreting neonatal and pediatric EEGs. Details the use of magnetoencephalography in the localization of cerebral function. Features intracranial EEG monitoring in the evaluation of children with medically intractable epilepsy. Explores the neurophysiology of language and behavioral disorders in children. Addresses intraoperative evoked potentials as a means of gathering subtle clinical information. Discusses the interrelation of DNA analysis and clinical neurophysiology in the diagnosis of chronic neuromuscular disorders of childhood. Examines the neurophysiological root of frequently encounter pediatric sleep disorders. Presents concise descriptions of the neurological disorders in which clinical neurophysiological testing is valuable. Organizes information in an easy-to-find, clinically relevant manner.
Careful attention is paid to the impacts that treatments performed during childhood may have on later adult life, including on fertility and pregnancy, with a view to ensuring that the reader will be in a position to time treatments correctly, thereby avoiding adverse effects, and possess all the information needed to address the concerns of patients and their families. The book will be of value to pediatricians, urologists, nurses, physiotherapist, students, and all others with an interest in the field. Get IT free here. http://nitroflare.com/view/99728006BD56938/3319421913.pdf.