Multiple Choice Questions In Neurophysiology With Answers And Explanatory Comments Multiple Choice Questions Series | cd39ad86e01505416d65ad91e3a0f303


This question-and-answer formatted book provides a complete yet focused review of clinical neurophysiology. It contains 534 questions and detailed answers with page references to larger reference books and textbooks of interest. Emphasis is on key concepts that every neurologist/neuropsychiatrist must master to take qualification boards or to practice this discipline. Coverage includes basic physics and electronics with their direct practical implications, electromyography, evoked potentials, nerve conduction studies, electromyography, sleep medicine, autonomic testing and central neurophysiology, and neurophysiological intraoperative monitoring. A companion Website will present all of the questions and answers in the book in electronic format. Learn EMG is a fully interactive tool to teach basic concepts and interpretation of electrodiagnostic findings in patients with a variety of neuroemcological conditions. Using a quiz approach and clinical vignettes to make learning both fun and challenging, this unique program teaches users to recognize basic and complex features of individual NCS and needle EMG waveforms and accurately interpret combinations of findings in the context of clinical vignettes. The program is organized into 10 quiz sets or topics covering general nerve conduction and needle EMG findings and common clinical problems. Each set is devoted to a particular theme and contains 20 multiple-choice questions framed by case vignettes, waveform clips, and other information to help the user select the correct diagnosis and conceptually teach important concepts related to the findings. Topics include basic NCS waveforms and variants, basic needle EMG waveforms (spontaneous activity and motor unit potentials), technical issues, upper extremity, lower extremity, peripheral neuropathies, diffuse neuromuscular disorders, cranial nerve disorders, and unusual disorders. Learn EMG: Teaches basic concepts and recognition of a wide variety of nerve conduction study and needle EMG waveform abnormalities Demonstrates common and uncommon findings that are encountered in clinical practice Utilizes an interactive quiz approach including a case, question, and discussion to teach the material Provides a concise explanation and discussion of the findings to help the user understand the concepts and learn more accurate interpretation of EMG Includes 200 examples of normal and abnormal findings, with more than 400 images and 90 videos Tracks progress through mastery of each subject and question Offers a custom quiz option to focus on particular subjects, or on questions previously answered incorrectly Navigation via index to quickly find specific topics Navigation via bookmarks to return to items of particular interest

This book is designed to acquaint trainees with the essential elements of clinical neurophysiology. Each chapter is written by leading and respected clinical neurophysiologists. The EHRA Book of Interventional Electrophysiology is the second official textbook of European Heart Rhythm Association (EHRA). Using clinical cases to encourage practical learning, this book assists electrophysiologists and device specialists in tackling both common and unusual situations that they may encounter during daily practice. Richly illustrated, and covering electrophysiological procedures for supra-ventricular and ventricular arrhythmias, the book enables specialists to deepen their understanding of complex concepts and practices. Tracings, including waveform and other information to help select the correct answer. Audio discussions related to the questions and answers are presented within each case to highlight key features and concisely teach important concepts.

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question types and formats typically encountered on an exam. Key Features: The first dedicated self-assessment and review book for the epilepsy board certification exam Contains over 360 board-type questions with answers, detailed rationales, and references Facilitates recall of must-know information and helps identify knowledge gaps for further study Includes case-based and stand-alone questions, supplemented by 87 state-of-the-art illustrations, to ensure familiarity with the testing environment encountered in a board exam Preparing to Pass the FRCA: Strategies for Exam Success equips you with the skills of effective revision and time management to maximise your success. The book takes each element of the FRCA exam and provides tips and techniques on how to approach the different types of questions, and includes worked examples with answers, so that you can undertake your revision accordingly. It will help you to target your revision so you can cover the breadth of topics in the FRCA syllabus and ensure that you structure your revision in an efficient way, as well as helping you to approach the exam and convey your knowledge through writing or speech correctly. Taking many common problems candidates face when preparing for this exam, the book covers motivation, effective studying, managing nerves, and scheduling time to study amongst other commitments. Extensively revised and updated, this fourth edition of Physiology at a Glance continues to provide a thorough introduction to human physiology, covering a wealth of topics in a comprehensive yet succinct manner. This concise guide breaks this often complex subject down into its core components, dealing with structures of the body from the cellular level to composite systems. New to this edition are three chapters on cell signalling, thermoregulation, and altitude and aerospace physiology, as well as a glossary of terms to aid medical, dental, health science and biomedical students at all levels of their training. Featuring clear, full-colour illustrations, memorable data tables, and easy-to-read text, Physiology at a Glance is ideal as both a revision guide and as a resource to assist basic understanding of key concepts. Sidman's Neuroanatomy: A Programmed Learning Tool, Second Edition is an innovative combined neuroanatomy text and review that covers the structure of the entire nervous system. Its unique programmed learning approach allows students to easily retain information and learn at their own pace by slowly building on previously learned concepts throughout each chapter. The programmed learning approach introduces new information and reviews previously learned information by presenting it in new contexts, calling attention to important details and illustrating steps in a reasoning process. This learning method adds to and reinforces the student's understanding and retention of neuroanatomical knowledge. This edition features updated illustrations, a systems-based organization, and new concepts on the cerebellum, extrapyramidal pathways, special sensory pathways, diencephalon, ventricular system, and vascular anatomy. Terminology has been updated to conform to Terminologia Anatomica. Accompanying the book is a multimedia component, containing an interactive question bank with fill-in-the-blank and figure labeling exercises, pop-up images, and hot spot identification questions as well as brand-new neuroanatomical animations.