



Principles and Practice of Clinical Electrophysiology of Vision

John R. Heckenlively (Editor)

[Download now](#)

[Read Online](#) ➔

Principles and Practice of Clinical Electrophysiology of Vision

John R. Heckenlively (Editor)

Principles and Practice of Clinical Electrophysiology of Vision John R. Heckenlively (Editor)

The long-awaited second edition of an authoritative reference on electrophysiologic vision testing, including detailed information on techniques and problems, basic physiology and anatomy, theoretical concepts, and clinical findings; with extensive new material.

This authoritative text is the only comprehensive reference available on electrophysiologic vision testing, offering both practical information on techniques and problems as well as basic physiology and anatomy, theoretical concepts, and clinical correlations. The second edition, of the widely used text, offers extensive new material and updated information: 65 of the 84 chapters are completely new, with the changes reflecting recent advances in the field. The book will continue to be an essential resource for practitioners and scholars from a range of disciplines within vision science.

The contributions not only cover new information--important material that is likely to become more important in the next decade--but also offer a long-range perspective on the field and its remarkable development in the last century. After discussing the history and background of clinical electrophysiology, the book introduces the anatomy of the retina and principles of cell biology in the visual pathways at the molecular, physiological, and biochemical levels. It relates these new findings to the techniques and interpretations of clinical tests, including the electro-oculogram (EOG), electroretinogram (ERG), and visual evoked potentials (VEP), which are discussed in detail, as are equipment, data acquisition and analysis, principles and protocols for clinical testing, diseases and dysfunction, and animal testing. Notable additions for this edition include chapters on the origin of electroretinogram waveforms, multifocal techniques, testing in standard laboratory animals, recent advances in analysis of abnormalities in disease, and the applications of these techniques to the study of genetic abnormalities.

Principles and Practice of Clinical Electrophysiology of Vision Details

Date : Published April 7th 2006 by Bradford Book (first published May 1991)

ISBN : 9780262083461

Author : John R. Heckenlively (Editor)

Format : Hardcover 977 pages

Genre :



[Download Principles and Practice of Clinical Electrophysiology o ...pdf](#)



[Read Online Principles and Practice of Clinical Electrophysiology ...pdf](#)

Download and Read Free Online Principles and Practice of Clinical Electrophysiology of Vision John R. Heckenlively (Editor)

From Reader Review Principles and Practice of Clinical Electrophysiology of Vision for online ebook

Principles and Practice of Clinical Electrophysiology of Vision Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Principles and Practice of Clinical Electrophysiology of Vision John R. Heckenlively (Editor) books to read online.