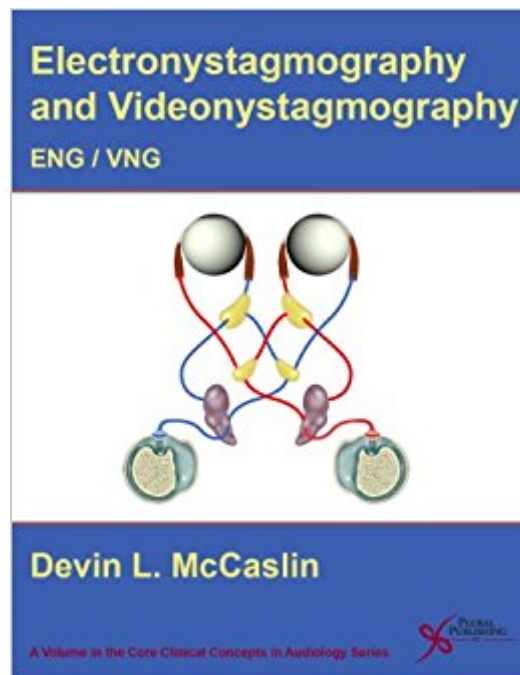




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# Electronystamography/Videonystagmography (Core Clinical Concepts In Audiology)



## Synopsis

This book provides a concise guide to conducting and interpreting the electronystamography/videonystagmography examination. In order to provide a foundation for understanding ENG/VNG test results, the early sections of the text are dedicated to a description of normal and impaired peripheral and central vestibular system function. Also addressed is the process of central nervous system compensation. These sections are followed by a description and interpretation of the ENG/VNG subtests including: ocular motor testing, positional/ing testing and caloric testing. Finally, examples of counseling materials and illustrative case studies that serve to highlight the principles and techniques covered in the manual will be provided. This text is designed to be a practical and portable resource for use in the clinic. It may serve as a text for students training or as a practical summary of existing larger textbooks.

## Book Information

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## Customer Reviews

This book provides a good reference for anyone starting out in the field of balance assessment, and would be a useful book in any balance assessment clinic as a source of information from anatomy to test interpretation. Anatomy and physiology are presented clearly in a way that relates to testing performed in the clinic. Clearly labeled diagrams step through the physiological responses from a basic level. Peripheral vestibular impairment and the processes of central nervous system compensation are described thoroughly with clear diagrams to explain the processes.... A section

on history taking will help the balance student structure and work through a history to develop an impression of the patient's condition. There is a chapter dedicated to describing ENG and VNG and eye movement examinations with a description of the pathologies indicated, with a few trace examples to show abnormal results. BPPV in all its various forms is well described with details on the anatomy physiology testing and treatment being covered and well referenced.... There are six appendices which include a selection of useful questionnaires and information leaflets for patients. ... [O]verall this is an ideal book for those wanting to learn about vestibular testing or to develop their knowledge through the reference section. --John E FitzGerald BSc PhD CS, Consultant Clinical Scientist, Head of Audiological Services, Norfolk & Norwich University Hospitals, UK, ENT & Audiology News, Vol. 23 No. 5, (November/December 2014)Overall, ENG/VNG is clearly written and easy to read. The seven chapters are logically organized with large, clearly labeled headings, making it easy to search through the book to find information on specific topics... Relevant research in each area discussed in the book is nicely distilled and woven into the text, and there is a wealth of references should the reader wish to further explore concepts covered in the book. In each chapter, there are useful summary tables along with borrowed, adapted, and original figures that clearly illustrate concepts described in the text ...I appreciated the author s comprehensive discussion of neural compensation. The figures related to this section were particularly helpful. In the thorough chapter regarding pretest, or bedside evaluative procedures, the author points out the importance of considering the debilitating effects that a balance disorder can have on the functional and emotional aspects of an individual s life. I believe that in some cases, our focus on determination of system dysfunction results in less attention being paid to how this impairment affects a patient globally. The inclusion of the Dizziness Handicap Inventory in this section is helpful... Each oculomotor test is comprehensively reviewed, and the sections for each are clearly organized with a brief description of the test, how to assess, how to interpret and analyze recordings, followed by discussions of abnormal results that one may encounter. This sort of organization is great for students and clinicians alike... In summary, ENG/VNG is nicely organized and executed. The text is current and supported by relevant examples from the literature. The author s writing style is straightforward and approachable. The included figures are well chosen and illustrative, adding to the value of this manual as a reference in both the clinic and the classroom, much like its predecessor from Barber and Stockwell. Finally, much like Manual of Electronystagmography, ENG/VNG is an ideal reference book that should serve students and clinicians well for years to come. --David S. Velenovsky, PhD, CCC-A, in Ear and Hearing, (March/April 2015)

Devin L. McCaslin received a Master's degree in Audiology from Wayne State University and a PhD in Hearing Science from The Ohio State University. Since then, Dr. McCaslin has had several clinical positions as an audiologist and clinic coordinator. He now holds an academic appointment as an Assistant Professor in the Department of Hearing and Speech Sciences Communicative Disorders at the Vanderbilt Bill Wilkerson Center at Vanderbilt University. He maintains a clinical practice and is an instructor in both the Doctor of Audiology and Ph.D. programs. Dr. McCaslin's major academic, clinical and research interests relate to clinical electrophysiology, tinnitus and vestibular assessment. He is the author of numerous journal articles, monographs, or book chapters.

Package delivered as promised. Pleased with product.

I required this book for my intro vestibular class. Dr. McCaslin does a great job at making the information easy to read. The students were able to read the book, absorb, and apply the information. And I actually had students voluntarily tell me that they enjoyed reading it and it was easy for them to understand it. This is a great book and I would highly recommend it.

I have been working in vestibular lab. In Hadassah hospital since 1991 and I have been teaching this course in the department for communicative disorders since 2001. So I find this book helpful for creating the course in this complicated field. Best regards Dr. Y. Meyler

as advertised

I've loved it!

Good

nicely detailed and illustrated. Would recommend as a good survey and review of the subject. For all medical and audiology personnel.

I choose this book because I suppose that it will have diagnostic tips applied to clinical cases, recommended for students

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