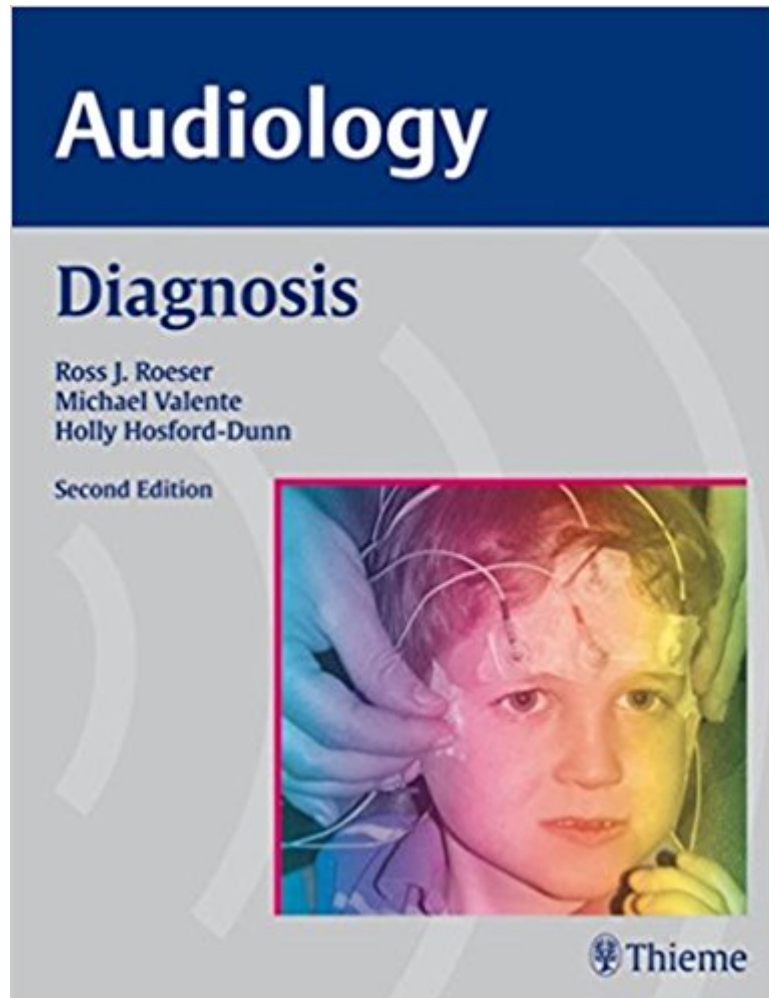




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# AUDIOLOGY Diagnosis



## Synopsis

Written by the foremost authorities in the field, *Audiology: Diagnosis* presents the basic concepts and essential clinical information for diagnosing auditory disorders, otologic diseases, and vestibular dysfunction. The book provides a thorough review of fundamental principles of diagnosis, including the basic procedures, the anatomy and physiology of the auditory system, imaging techniques, instrumentation, calibration, and more. It also covers the clinical tests essential for assessing the type and degree of hearing loss and for determining the etiological factors underlying the patient's disorder. Chapters address such important topics as ototoxicity and pharmacology in the audiology practice, and utilizing functional brain imaging and radiologic techniques. Highlights: New information on effective methods for neonatal hearing screening, assessment of vestibular disorders, the genetics of hearing loss, and recent advances in testing for auditory processing disorders in children and adults Chapter outlines to rapidly acquaint reader with topics to be discussed Pearls, pitfalls, controversial points, and special considerations providing recommendations and comments on key aspects of patient care *Audiology: Diagnosis* is one part of a three-volume series, which is completed by *Audiology: Treatment* and *Audiology: Practice Management*. Together these books provide audiologists and students in graduate programs with an invaluable resource for each stage of management.

## Book Information

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## Customer Reviews

"Comprehensive...The authors have undertaken the Herculean task of an all-encompassing book for the practice of audiology, and...they have succeeded...highlighted boxes...include pearls, special considerations, pitfalls, and controversial points, bringing to light areas of concern and consideration...Outlines at the beginning of each chapter allow the reader to quickly assess the areas covered. New approaches of treatment and care have been added in several areas such as vestibular disorders, universal newborn hearing screening, and genetics...extremely useful...The figures and illustrations are clear and concise, expanding on the written material. There is a full-color picture section married in the center of the book, which is excellent...one of the most medically based texts on audiology [this reviewer has] read...an excellent reference for the practicing audiologist, otologist, neurotologist, and otolaryngologist, as well as those studying the field of audiology."--Otolaryngology & Neurotology

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This book is a well-organized text that highly informative and clearly marvelous as regards audiology. I think that all audiologists must catch the pearls in the grey boxes. These pearls will refine their practice.

Excellent book

Used for a course in basic audiology. Useful tool, especially considering how well OCR is for this particular text. A+

Very good book that I made excellent use of while in school. I am here to purchase a new copy for my new office.

In this chapter on multifrequency tympanometry Robert Margolis and Lisa Hunter, Otolaryngology Department, University of Minnesota, USA present (\*) a summary of the linear theory used to interpret the immittance measurements, (\*) examples of actual measurement as well as (\*) the steps in the practical procedure and (\*) the reliability of this method in diagnosing middle ear diseases. It is the clearest and most detailed presentation of tympanometry I have been able to find (you can find a detailed primer on the physics of tympanometry -based on Margolis's and Hunter's chapter- by searching with Google for tympanometry + lyment).

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