This book is the transcript of a conference at Lexington School for the Deaf on current developments and procedures in hearing aid technology and evaluations. Papers presented by a number of recognized authorities in audiology, engineering and the hearing aid industry are grouped into four areas, each dealing with a particular aspect of the hearing aid and its effectiveness for the hearing impaired.

The first group of contributors, J. Donald Causey, Edward Hardick and Hubert Gerstman, discussed current developments with hearing aids, hearing aid dispensing models, aural rehabilitation and described a new sentence test being designed for speech discrimination.

The second group of contributors discussed the ANSI standards for hearing aids. Laura Wilber and John C. Sinclair discussed the history of standards for hearing aids and the need for better standards. Sinclair also reviewed the FDA involvement in hearing aids and the implications of this involvement. Wayne Olsen gave a very clear informative report on what the new standards mean and their applications in hearing aid measurement.

The third group presented different views on hearing aid evaluation for infants and very young children. Martha Rubin, Jane Mandell and Annette Zaner discussed various methods of evaluating and fitting hearing aids on small children and the problems encountered. Leahea Grammico discussed "Cognition in the Development of Listening Skills," giving examples of situations in auditory training used to encourage development of "thinking" skills as well as listening skills.

In the fourth section, Mark Ross reviewed the traditional hearing aid evaluation method and the particular inadequacies of this method. Levitt, White and Rentzick introduced the work they have done on a "wearable master hearing aid". Edgar Villchur presented an experimental program for signal processing in hearing aids. Gayzy McCandless discussed the importance of the "loudness discomfort level" and the acoustic reflex in hearing aid fittings.

Following each group of papers is a discussion section in which members of the audience interacted with the contributors. There are also two appendices: one involving legislation regarding hearing aid standards; the second, the proposed ANSI standards for hearing aids.

This book, although a conference transcript, presents new and interesting possibilities for more accurate and effective hearing aid fittings. The contributors expressed their concern over the currently inadequate hearing aid evaluation and delivery systems and presented a number of practical ways audiologists can more efficiently and effectively provide hearing aid service.
Sharon Fujikawa. This book contains the proceedings of the Lexington Hearing Aid Conference held in May 1975. The book is divided into four major areas of interest: current developments, standards for electroacoustical amplification, hearing aids for infants and children, and hearing aid evaluation procedures. In addition, appendices contain summaries of legislation regarding hearing aid standards including the new ANSI Standards for Specification of Hearing Aids. Hearing aid technology has come a long way from the big, bulky hearing devices of the past that often had cords hanging from them. Today, they are discreet, comfortable and offer a variety of features, allowing you to adjust your hearing devices for different environments, like a dinner party, a movie theatre or a playground. ReSound hearing aids will be there with you, helping you hear more, do more and be more than you ever thought possible. How hearing aids work. Hearing aids consist of four components: a microphone that picks up sound, an amplifier that makes the sound louder, a receiver... Hearing aids can help you reconnect to the world and people you love. With different styles and levels of technologies, there is an option for everyone. There is a style of hearing aid for everyone. Featuring sleek and discreet design, today's hearing aids fit some of the world's most advanced technology comfortably inside your ear canal or behind your ear. Behind-the-Ear. As the name suggests, BTE hearing aids are designed to rest comfortably behind your ear.