Emerging Tools and Methodologies in Teleaudiology

INTRODUCTION

Even before the COVID-19 pandemic required clinicians to rapidly adapt their practice for remote service provision, researchers were already exploring effective telehealth approaches for audiology. The articles in this journal self-study (selected from a special issue of the American Journal of Audiology, “4th International Meeting on Internet and Audiology”) examine teleaudiology tools and methodologies for hearing screenings, home-based auditory assessment for people who use cochlear implants, assessing hearing aid outcomes using ecological momentary assessment (EMA), and a tool for evaluating hearing aid performance.

LEARNING OUTCOMES

You will be able to:

- Describe results of an automated speech-in-noise test for listeners of different age and native language groups
- Discuss the benefits and limitations of the BASE home-based auditory assessment
- Discuss the implications for different applications of ecological momentary assessment (EMA)
- Explain how a sentence-based experience logging tool captures the auditory and nonauditory factors that contribute to hearing difficulties for people who use hearing aids

CONTENTS


Development of the Basic Auditory Skills Evaluation Battery for Online Testing of Cochlear Implant Listeners, by Valeriy Shafiro, Megan Hebb, Chad Walker, Jasper Oh, Ying Hsiao, Kelly Brown, Stanley Sheft, Yan Li, Kara Vasil, and Aaron C. Moberly (https://doi.org/10.1044/2020_AJA-19-00083) ......................... 14 pages

Sentence-Based Experience Logging in New Hearing Aid Users, by Katja Lund, Rodrigo Ordoñez, Jens Bo Nielsen, and Dorte Hammershøi (https://doi.org/10.1044/2020_AJA-19-00077) .......................................................... 7 pages

PROGRAM HISTORY and IMPORTANT INFORMATION

Articles originally published in American Journal of Audiology
See the entire Special Issue: 4th International Meeting on Internet and Audiology: https://pubs.asha.org/toc/aja/29/3S

Start date: September 2, 2021
End date: September 2, 2026

To earn continuing education credit, you must complete and submit the learning assessment on or before September 2, 2026.

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This course is offered for 0.5 ASHA CEUs (Advanced level, Professional area).