EVIDENCE-BASED PRACTICE

It is the position of the American Speech-Language-Hearing Association that audiologists and speech-language pathologists incorporate the principles of evidence-based practice in clinical decision making to provide high quality clinical care. The term evidence-based practice refers to an approach in which current, high-quality research evidence is integrated with practitioner expertise and client preferences and values into the process of making clinical decisions.

Participants are encouraged to actively seek and critically evaluate the evidence basis for clinical procedures presented in this and other educational programs.

Adopted by the Scientific and Professional Education Board, April 2006
INTRODUCTION

The article provided affiliates with novel information relevant to speech science, specifically room acoustics. In both practicing audiology and speech language pathology, as well as in speech and hearing science research, the space where the work is done is an integral part of the function. Hence, for all of these endeavors it can be important to measure the acoustics of a room. This article provided a tutorial regarding the measurement of room reverberation and background noise, both of which are important when evaluating a space’s strengths and limitations for speech communication. As the privacy of patients and research participants is a primary concern, the tutorial also describes a method for measuring the amount of acoustical insulation provided by a room’s barriers (walls, windows, and doors). Several room measurement data sets—all obtained from the assessment of clinical and research spaces within the authors’ department—are presented as examples in the article.

LEARNING OUTCOMES

You will be able to:

- define and describe different fundamental measures of room reverberation

PROGRAM HISTORY

Start date: October 1, 2018
Available through: September 29, 2021

IMPORTANT INFORMATION

To earn continuing education credit, you must complete the test with a passing score on or before September 29, 2021.

To see if this program has been renewed after this date, please search by title in ASHA’s online store at www.asha.org/shop.

ASHA Professional Development is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. See course information for number of ASHA CEUs, instructional level and content area. ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

This course is offered for 0.05 ASHA CEUs (Intermediate level, Basic Communication Processes area).