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## Voice and Voice Disorders

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#### EVIDENCE-BASED PRACTICE

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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

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This issue of *Perspectives* provides affiliates with the latest updates on implementing strategies to enable clinicians to actively engage in ongoing research, establishing the roles and responsibilities of interprofessional research team members, the importance of using patient-centered outcomes in voice research, the advantages and limitations of using national survey databases in research, and how basic science airflow studies can inform the treatment of unilateral vocal fold paralysis. This issue focuses on promoting the use of research to inform clinical practice in voice, with a special emphasis on methods of fostering and implementing scientific studies in clinical settings.

## LEARNING OUTCOMES

*After completing this program, you will be able to:*

- recall specific strategies that may enable clinicians to engage in the practice of research
- describe the steps involved in the development of a collaborative research team
- explain the benefits of using observational studies that include patient outcomes in voice research
- discuss the types of research questions that can be answered using administrative and national survey databases
- describe ways in which research using a basic science animal model may inform treatment of unilateral vocal fold paralysis

## PROGRAM HISTORY

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Original start date: March 15, 2014  
Available through: January 29, 2017

## IMPORTANT INFORMATION

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To earn continuing education credit, you must complete the test with a passing score on or before **January 29, 2017.**

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](http://www.asha.org/shop).

This course is offered for .2 ASHA CEUs (Intermediate level, Professional area).



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.

## DISCLOSURES

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### ***Empowering Clinicians to Effectively Engage in Research***

*by Katherine McConville and Susan L. Thibeault*

#### **Financial:**

*Katherine McConville is employed by the University of Wisconsin-Madison. Susan Thibeault is an associate professor and the Diane M Bless endowed chair in the Division of Otolaryngology Head and Neck Surgery, Department of Surgery at the University of Wisconsin-Madison.*

#### **Nonfinancial:**

*Katherine McConville and Susan L. Thibeault have no nonfinancial interests to disclose.*

### ***Establishing a Clinical Research Collaboration: An SLP Perspective***

*by Jennifer Craig*

#### **Financial:**

*Jennifer Craig works at the Vanderbilt Voice Center at the Vanderbilt University Medical Center.*

#### **Nonfinancial:**

*Jennifer Craig has no nonfinancial interests to disclose.*

### ***Patient-Centered Outcomes Research in Voice***

*by David O. Francis*

#### **Financial:**

*David O. Francis received funding support from the National Institutes of Health.*

#### **Nonfinancial:**

*David O. Francis has no nonfinancial interests to disclose.*

### ***Use of Administrative and National Survey Databases in Health Services Research***

*by Seth M. Cohen*

#### **Financial:**

*Seth Cohen is an associate professor in the School of Medicine at Duke University.*

#### **Nonfinancial:**

*Seth Cohen has previously published in this subject area. Some of these publications are referenced in the manuscript.*

### ***An Example of the Role of Basic Science Research to Inform the Treatment of Unilateral Vocal Fold Paralysis***

*by Sid Khosla, Liran Oren, and Ephraim Gutmark*

#### **Financial:**

*Sid Khosla, Liran Oren, and Ephraim Gutmark received funding support from the National Institutes of Health. Sid Khosla is an associate professor at the University of Cincinnati. Liran Oren is a research assistant professor in the department of otolaryngology at the University of Cincinnati.*

#### **Nonfinancial:**

*Sid Khosla has published in this area, and several publications are listed in the references. Liran Oren has previously published in this subject area. Some of these publications are referenced in the text. Ephraim Gutmark has previously published in this subject area. Some of these publications are referenced in the text.*