Perception, Technology, and Clinical Applications SIG 19

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INTRODUCTION

These *Perspectives* (SIG 19) articles focus on perceptual considerations and the use of a system to investigate lingual coordination as a clinical tool. In the first article Rakerd et al. review the resonant effects of performers, resonance associated with nasality, and resonant voice for both normal and disordered populations. In the second article Grover et al. use the bubble noise method, which places noise randomly in time and frequency with "holes" or "bubbles" that give glimpses into the target signal, to determine what is perceptually important in the speech signal for native/first language listeners versus nonnative/second language listeners. In the final article, Dugan et al. review TonguePART, an image processing system used to track the tongue surface, as a reliable, fast method to track articulatory movement of the tongue for syllables

LEARNING OUTCOMES

You will be able to:

- identify perceptual correlates of the actor's/singer's formant, hyponasality and hypernasality, and resonant speech
- describe the clinical application of the bubble noise design
- describe characteristics of tongue part movement for children with typical and residual speech sound

PROGRAM HISTORY

Start date: July 23, 2020
Available through: July 21, 2023

IMPORTANT INFORMATION

To earn continuing education credit, you must complete the test with a passing score on or before **July 21, 2023.**

This course is offered for 0.30 ASHA CEUs (Intermediate level, Professional area).