

**Childhood Apraxia of Speech:
Assessment and Treatment Strategies**

Dr. Rebecca McCauley

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Rebecca McCauley is professor and chair of graduate studies in the Department of Speech and Hearing Science at the Ohio State University in Columbus, Ohio. An ASHA fellow and past associate editor of *AJSLP*, she has authored or co-edited five books on children's communication disorders, including *Interventions for Speech Sound Disorders in Children* (2010). Dr. McCauley worked on a committee for ASHA that prepared a position statement on CAS. She speaks and writes frequently about CAS and is coauthoring a test of children's motor speech skills.

SESSION DESCRIPTION

Effective management of CAS requires speech-language pathologists to address both core difficulties in motor planning and programming for speech production as well as other difficulties in language and communication that almost invariably co-occur with CAS. In this presentation, participants will learn methods for optimizing motor learning so they can incorporate such methods in their existing treatment practices or implement them within Dynamic Temporal and Tactile Cueing (a treatment developed by Edythe Strand). Strategies for treatments that address the most common language and communication challenges associated with CAS will also be outlined and practiced by participants in small group problem-solving exercises. Discussion of assessment will focus on (1) the special requirements for identifying motor planning and programming deficits as contributors to children's speech sound disorders and (2) tracking progress over time.

PARTICIPANT OUTCOMES

- Formulate assessment plans designed to assess the speech and language problems most commonly associated with motor planning and programming deficits in children and to assess children's progress in treatment.
- Demonstrate steps involved in Dynamic Temporal and Tactile Cueing and explain the rationale for each.
- Describe two ways in which motor learning concepts could be incorporated into their current treatment of speech sound disorders
- Describe methods that should prove helpful in minimizing the written and oral language problems commonly found among children with CAS