Treatment Options for Childhood Apraxia of Speech (CAS)

INTRODUCTION

Childhood apraxia of speech (CAS) is a complex motor speech disorder that often requires lengthy treatment and may contribute, like many other speech disorders in children, to academic and social difficulties. Speech-language pathologists treating children with CAS need a solid understanding of motor learning principles and how treatment for CAS differs from that of other speech sound disorders. This journal self-study addresses what is currently known about treatment outcomes for CAS and explores specific treatment programs (including the PROMPT approach) that have been shown to benefit children with CAS and are supported by evidence. Information about incorporating biofeedback, which is not commonly used in the treatment of CAS, is also discussed, with preliminary studies showing promising results. In addition to specific treatment programs and tools, a discussion of how to structure and vary treatment tasks is included, with all studies providing recommendations that can be incorporated immediately into treatment. Those working with children with CAS understand how complicated treatment for this disorder can be and will appreciate the clinical suggestions provided in this self-study.

LEARNING OUTCOMES
You will be able to:
• Identify specific treatment programs that have been shown to lead to positive outcomes for children with CAS
• Apply motor learning principles to the treatment of CAS
• Discuss aspects of treatment for CAS that may result in speech improvements, including type of cues and structure and variability of practice tasks
• Explain how biofeedback can be used in CAS treatment

CONTENTS

A Systematic Review of Treatment Outcomes for Children With Childhood Apraxia of Speech, by Elizabeth Murray, Patricia McCabe, and Kirrie J. Ballard..........................................................CE-1

Treating Speech Subsystems in Childhood Apraxia of Speech With Tactual Input: The PROMPT Approach, by Philip S. Dale and Deborah A. Hayden.............CE-20

Ultrasound Biofeedback Treatment for Persisting Childhood Apraxia of Speech, by Jonathan L. Preston, Nickole Brick, and Nicole Landi.........................CE-38

Using Randomized Variable Practice in the Treatment of Childhood Apraxia of Speech, by Steven L. Skelton and Aubrie Lynn Hagopian.................................CE-55
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PROGRAM HISTORY and IMPORTANT INFORMATION

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