MEDBRIDGE

Course Objectives

MedBridge
Foundations for Clinical Practice: Analyzing the Speech System
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Course Description:

This is the second course in a three-course series designed to increase your clinical knowledge and skills in evaluating and treating individuals with speech sound disorders. In this course, you learn how to analyze a phonetically transcribed speech sample to evaluate the individual's segmental and suprasegmental skills. Speech-language pathologists frequently complete a thorough analysis of an individual's speech errors and error patterns, while paying little attention, if any at all, to the individual's phonetic and suprasegmental inventories—information that often is needed for differential diagnosis and goal setting. We will phonetically transcribe a brief speech sample from a teen with severe speech sound disorder characterized as childhood apraxia of speech, and then analyze his speech to derive his phonetic, error, and suprasegmental inventories. We then will use this information to develop goals for this young man that address all three components of the speech system. We also will apply our knowledge of the three components of the speech system to develop additional goals that we could use with other individuals with speech sound disorders.

Learning Assessments:

- List the three primary components of the speech system.
- Compare and contrast the phonetic, error, and suprasegmental inventories.
- Outline the steps for completing an independent analysis.
- Describe the consonant, vowel, and word shape data in the phonetic inventory.
- Discuss how to use these data for goal development.
- Outline the steps for completing a relational analysis.
- Describe the consonant, vowel, and word shape data in the error inventory.
- Discuss how to use these data for goal development.
- Outline the steps for completing a suprasegmental analysis.
- Describe the data in the different suprasegmental inventories.
- Develop one possible goal for each of the three speech components.