MEDBRIDGE

Learning Objectives

MedBridge
Phonomotor Treatment for Individuals with Aphasia: Evidence Based Practice
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Course Objectives:

Upon completing this course, the participant will be able to:

- Describe phonologic breakdown in aphasia, and provide a working definition of phonologic awareness deficits in aphasia
- Describe processing assumptions of a parallel-distributed model of phonology in aphasia, and Provide 3 examples of neural instantiation of phonology
- Describe Phase I (proof of concept) evidence for phonomotor treatment, as well as evidence for improvement in alexia and apraxia of speech.
- Describe Provide Phase II (protocol refinement) evidence for phonomotor treatment
- Describe recommended dosage, frequency and population to which phonomotor treatment is applied
- Describe 3 key components of phonomotor treatment
- Describe the purpose of pre-practice and provide a patient-friendly description of distributed processing of phonology
- Describe how to retrain knowledge of distributed phoneme representations in Stage 1 practice
- Describe how to improve phonological awareness through multi-modal activation in Stage 2 practice

Chapter 1: Phonomotor Treatment Background and Evidence Base

This chapter, with Dr. Diane Kendall, will describe the evidence base behind phonomotor treatment, beginning from the ground up including relevant models of aphasia, and their theoretical applications to phonomotor treatment. Dr Kendall will then explore both the phase 1 and phase 2 evidence for phonomotor treatment.

Chapter 2: Phonomotor Treatment Application: Stages 1 and 2

In this chapter, with Megan Oelke, participants are provided with an in-depth "nuts and bolts" tutorial on the administration of stage 1 and stage 2 phonomotor treatment. Megan Oelke will walk participants through the process using materials set up for treatment, and will introduce examples filmed with real patients being administered phonomotor treatment.

Chapter 3: Conclusions and Practice Examples

The final chapter of this course will provide quick tips for clinicians who are new to phonomotor treatment, as well as additional case examples of phonomotor treatment being performed with real patients.