
Learning Objectives

MedBridge

Surface Electromyography (sEMG) Biofeedback as an Adjunct in Dysphagia Therapy

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Chapter 1: Overview

The participant will be able to...

- Define sEMG biofeedback
- Describe the application strengths and weaknesses of sEMG biofeedback

Chapter 2: sEMG Biofeedback Training

The participant will be able to...

- Describe techniques for electrode placement, biofeedback specific assessments, and to identify treatment goals
- Define concepts such as threshold or goal, 1 repetition max, and continuous mode vs. work-rest mode biofeedback

Chapter 3: Dysphagia Therapy with sEMG Biofeedback

The participant will be able to...

- Describe strategies to evaluate swallowing performance using sEMG
- Identify a threshold or goal for a specific patient and the appropriate application of continuous or work-rest modes
- Identify appropriate feedback options for individual patients
- Discuss outcome monitoring and strategies to wean patients from biofeedback devices.