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.