Dysphagia by Northern Speech Services

A visual tool for Speech-Language Pathologists (SLPs) to educate patients on swallowing disorders using MBSImP™-based animated videos.

https://www.northernspeech.com

Overview

The Dysphagia app by Northern Speech Services is a specialized mobile application designed as an educational tool for Speech-Language Pathologists (SLPs), students, and support staff to explain swallowing disorders (dysphagia) to patients and their families.

Product Overview

The app features custom-designed, high-quality animations of normal and impaired swallowing physiology. The visual content is evidence-based, derived from the Modified Barium Swallow Impairment Profile (MBSImP™) research, ensuring clinical relevance and accuracy. It is intended to help patients and families gain a clear, visual understanding of their specific swallowing impairment, which can improve buy-in and adherence to treatment plans.

Key Features and Capabilities

Animated Swallowing Videos: Includes a set of 10 videos (2 depicting normal swallow function and 8 demonstrating specific physiological swallowing impairments).

MBSImP™-Based Content: Animations accurately depict adult swallowing physiology and impairments based on the standardized MBSImP™ protocol.

Detailed Playback Controls: Users can control the animation speed, pause the video, zoom in, and scroll frame-by-frame for detailed analysis and explanation.

Educational Resources: Includes an overview of normal swallow function and links to other educational materials.

Visual Tool Only: The app is a visual aid and does not include narration, requiring the clinician to provide the explanation.

Target Users and Use Cases

The primary target users are **Speech-Language Pathologists (SLPs)**, particularly those specializing in medical settings and dysphagia management. Secondary users include SLP students, and direct support staff for training purposes. The main use case is **Patient and Family Education** to facilitate a better understanding of a dysphagia diagnosis and the rationale behind treatment recommendations.

Key Features

- Animated Swallowing Videos (10 total)

- MBSImP™-Based Swallowing Physiology

- Slow Motion and Frame-by-Frame Playback

- Zoom Function for Detailed View

- Depiction of Normal and Impaired Swallows

- Patient and Family Education Tool

Pricing

Model: one_time

One-time purchase via the Apple App Store. Pricing is not consistently disclosed in public search results, but it is a single upfront fee.

Target Company Size: startup, small, medium, enterprise