

Swallow Therapy System™ (STS™)

Stop settling for therapy that treats all tongues the same.

The STS™ addresses your patient's unique swallow needs, facilitating recovery through personalized precision

Personalized mouthpiece ensures consistent, reproducible and reliable patient placement **every** time

The Swallow Therapy System™ puts function into your therapy plan

NOW AVAILABLE TO ORDER



User-friendly interface & software offering immediate and **actionable** insights into performance



Easily monitor adherence, quickly adjust, and tailor the progress of patient therapy goals **confidently**.

STS™ CLINICAL EVIDENCE

The Swallow Therapy System™ is based on pioneering research on isometric progressive resistance lingual therapy. This evidence-based research has demonstrated that active rehabilitation of swallowing musculature improves swallowing function and efficiency.^{1,3}

HOW DOES STS™ WORK?

Advanced sensors measure pressure at four fixed locations of the tongue with customizable settings addressing endurance, strength and stability. Bluetooth, fully self-contained closed loop for security. Real-time data collection and storage with automatic tracking and progress graphing that provides quantifiable and actionable results for your next session.

STS™ EMPOWERS YOUR PATIENT AT HOME

STS™ is a clinician-designed dysphagia home therapy system.



"The STS's ability to accurately measure the stability of an isometric press across the tongue's functional intraoral ROM raises the industry bar of dysphagia therapy."

- Michelle Schierts, MS, CCC-SLP, BCS-S

ISO 13485 COMPLIANT

VETERAN AND DISABLED OWNED

MADE IN USA

Your Patient's Baseline: Their Benchmark, Their Success

Replicate results that you can trust: The STS™ four-point sensor technology brings reproducibility from your clinic to *their* kitchen table

The foundation of the Swallow Therapy System™ (STS™) lies in the fundamental principles of exercise science. ⁽¹⁻³⁾

Creating a isometric progressive resistive home program for lingual therapy relies on the accuracy of patient baseline measurements and the ability to easily ensure progressive resistive challenges.

The STS™ provides clinicians a solid foundation to efficiently obtain a precise baseline to monitor, progress, and document outcomes.



Detect Subtle Tongue Asymmetries: The STS™ Four-Point Assessment Covers Front, Back, Left, and Right areas for a comprehensive baseline to build a home therapy

By quickly and easily establishing a personalized baseline measurement, clinicians can create a tailored treatment plan focused on individual patient progress.

Patients can embrace their unique starting point and celebrate progress, no matter how small.

Your patient's baseline, their benchmark, their success!

To order, schedule a demo, or learn more contact your local STS™ Regional Representative or email sales@mainsailmed.com

- 1) Juan, J., Hind, J., Jones, C., McCulloch, T., Gangnon, R., & Robbins, J. (2013). Case Study: Application of Isometric Progressive Resistance Oropharyngeal Therapy Using the Madison Oral Strengthening Therapeutic Device. *Topics in Stroke Rehabilitation*, 20(5), 450-470. <https://doi.org/10.1310/tsr2005-450>, 2) Krekeler BN, Yee J, Kurosu A, Osman F, Peña-Chávez R, Levenson G, Young B, Sattin J, Knigge M, Thibeault S, Rogus-Pulia N. Effects of Device-Facilitated Lingual Strengthening Therapy on Dysphagia Related Outcomes in Patients Post-Stroke: A Randomized Controlled Trial. *Dysphagia*. 2023 Dec;38(6):1551-1567. doi: 10.1007/s00455-023-10583-0. Epub 2023 May 17. PMID: 37195518; PMCID: PMC10615659. 3) Rogus-Pulia N, Rusche N, Hind JA, Zielinski J, Gangnon R, Safdar N, Robbins J. Effects of Device-Facilitated Isometric Progressive Resistance Oropharyngeal Therapy on Swallowing and Health-Related Outcomes in Older Adults with Dysphagia. *J Am Geriatr Soc*. 2016 Feb;64(2):417-24. doi: 10.1111/jgs.13933. Epub 2016 Jan 25. PMID: 26804715.

ORDERING STS™:

Mainsail Medical National Distributor for Progia Medical

Progia Medical UEI#: U9VYFAZC97S3

Fax: (612) 808-5134

Email: sales@mainsailmed.com

Learn more at www.ProgiaMedical.com

