

## VITALSTIM<sup>®</sup> PLUS

THE NEXT GENERATION OF  
NMES & sEMG BIOFEEDBACK  
SYSTEM TO AID DYSPHAGIA



### ENHANCE THERAPY WITH sEMG BIOFEEDBACK TECHNOLOGY

Interactive Therapy allows patients to receive visual and audible feedback leading to enhanced patient engagement during swallowing exercises.

### SWALLOW IN ACTION

Project live treatment progress aid onto a computer or tablet screen. The Screen Mirroring technology helps clinicians to guide patients through personalized, targeted swallowing exercises that increases patient intensity and duration.

### THE TASTE OF INDEPENDENCE

VitalStim<sup>®</sup> Plus neuromuscular electrical stimulation helps recruit and re-educate muscles in the process of swallowing. Under the guidance of a clinician, patients partner in an interactive therapy that aids muscle strengthening to rehabilitate swallowing.

Preset or customized programs helps the provider to truly customize treatments while biofeedback and visuals create a patient-focused experience that encourages engagement and achievement of goals.

## PATIENT DATA

Treatment data on stimulation and sEMG can be stored, displayed or exported to a PC to help track patient progress and generate reports.

### VITALSTIM® TREATMENT

The VitalStim waveform is delivered in Co-Contraction Mode. Up to four separate channels help deliver stimulation concurrently and pause at the same time.

### VMS TREATMENT

You are in control! Customize your treatment protocol by adjusting the parameters of your choice, such as Phase Duration, Frequency, and Work and Rest Time. VMS treatment offers even more flexibility helping you sequence the stimulation in the various channels to more closely match the natural swallowing sequence.



### sEMG TREATMENT

Electrical signals in the muscle are measured and displayed on a screen and are amplified into sounds that the patient can hear. This feedback increases patient effort and participation, and provides the data and documentation required to help measure patient outcomes and quantify progress.

### sEMG + TRIGGERED STIM

The patient initiates the swallowing exercise with the assistance of sEMG biofeedback. When the set threshold is reached, VitalStim Plus will switch to stimulation mode to help increase the effort and exercise load.



### BLUETOOTH TECHNOLOGY

Screen mirroring technology projects your live treatment onto a computer or tablet screen. This helps you guide therapeutic exercise activities and increase patient engagement.

### EDUCATION VIDEOS

A complete education tool at your finger tips. VitalStim Plus includes videos that help demonstrate key therapeutic exercises, such as the Masako Exercise, the Mendelsohn Maneuver, the Supraglottic Maneuver, and various Electrode Placements Options.

### ANATOMICAL LIBRARY

VitalStim Plus includes a Dysphagia image library of Anatomy, Pathology and Therapeutic Treatment options to assist in educating your patient.

### CHATTANOOGA® VITALSTIM® APPROVED EDUCATION:

Authorized provider-CIAO Seminars

1. VitalStim Therapy and Beyond DINES Specialty Certificate Program
  2. VitalStim Plus-NMES and sEMG Biofeedback
- [www.ciaoseminars.com](http://www.ciaoseminars.com)



DJO, LLC | 1430 Decision Street | Vista | CA 92081-8553 | U.S.A.

[www.chattanooga rehab.com](http://www.chattanooga rehab.com)

To learn more about VitalStim Therapy or find a CIAO Certified VitalStim Therapy provider near you, visit [www.vitalstimtherapy.com](http://www.vitalstimtherapy.com) or call the VitalStim hotline at 1800.506.1130 or Chattanooga Product Support at 1800.494.3395

This equipment is to be used only by a licensed practitioner certified in the use of the VitalStim Therapy System. VitalStim Therapy is to be delivered only by a dysphagia specialist certified in VitalStim Therapy. Dysphagia Therapists should comply with practice acts, codes of ethics and professional liability guidelines. Individual results may vary. Neither DJO Global, Inc. nor any of its subsidiaries dispense medical advice. The contents of this catalog do not constitute medical, legal, or any other type of professional advice. Rather, please consult your healthcare professional for information on the courses of treatment, if any, which may be appropriate for you