



VitalStim[®] Plus

Electrotherapy and sEMG Biofeedback System

Help Enhance Therapy with sEMG Biofeedback Technology

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

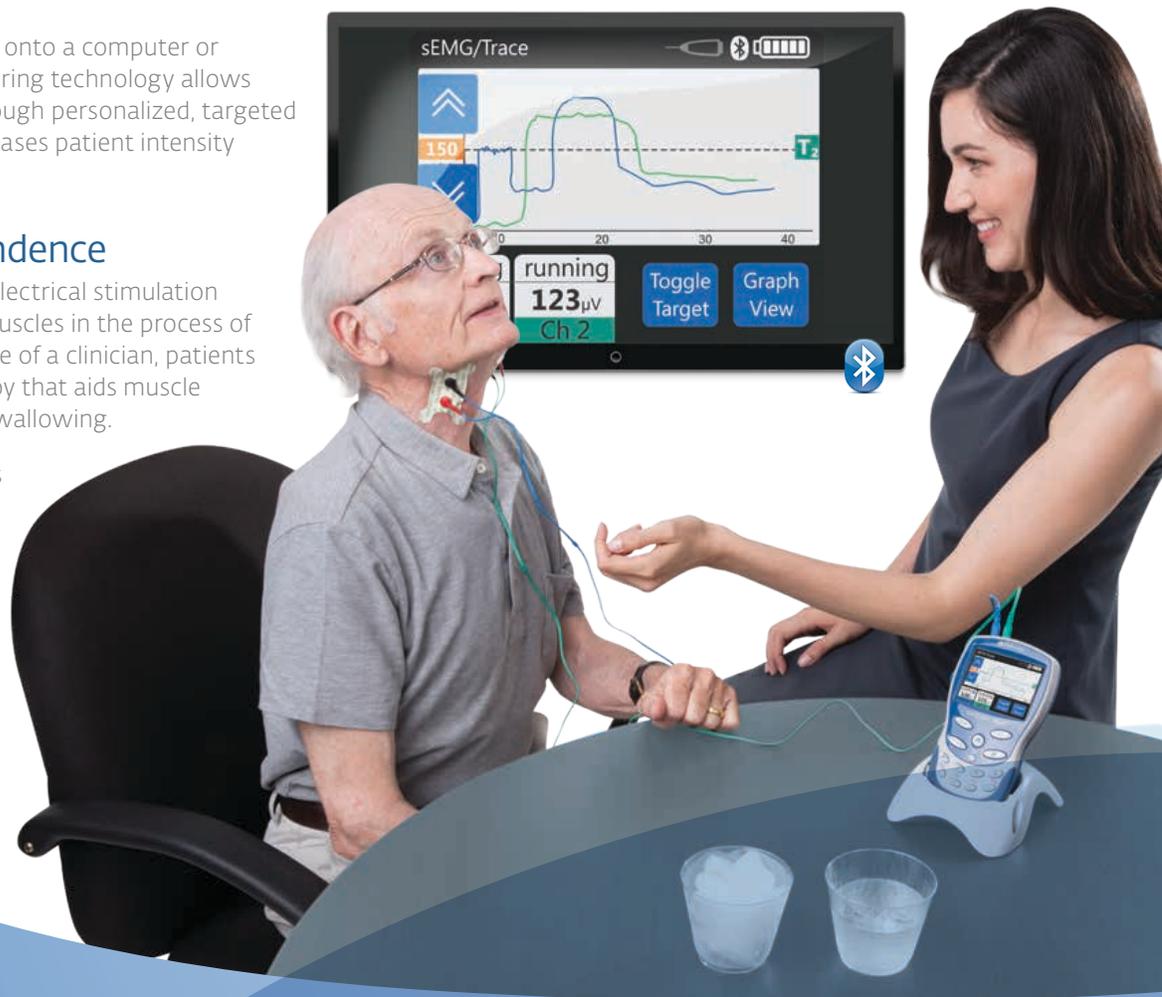
Swallow in Action

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

The Taste of Independence

VitalStim 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 allow the provider to truly customize treatments while biofeedback and visuals create a patient-focused experience that encourages engagement and achievement of goals.



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VitalStim Treatment:

The VitalStim waveform is delivered in Co-Contraction Mode. Up to four separate channels 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 by allowing you to sequence the stimulation in the various channels to more closely match the natural swallowing sequence.

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.

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 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 increase the effort and exercise load.

Anatomical Library:

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



Bluetooth Technology:

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



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Individual results may vary. This therapy is not for everyone. Please consult your physician. A prescription is required. For more information, please call DJO at 800-506-1130. Prior to use, refer to the Instructions for Use supplied with these devices for indications, contraindications, side effects, suggested procedure, warnings and precautions.