

VitalStim® Therapy Electrodes

A DIFFERENCE THAT IS MORE THAN SKIN DEEP

Why is it different?

A challenging therapy requires a different electrode.

The VitalStim electrode has been specially designed to deal with the challenging treatment conditions of dysphagia therapy using NMES.

- Transmit the high current load and current density of the VitalStim Therapy protocol (which results in a much higher load on the electrode than a typical NMES application in physical medicine and rehabilitation).
- Unique design and material that stretches and molds to the irregular surface of the anterior neck.
- Demonstrated effectiveness in multiple clinical trials¹.

Protocol	VitalStim	Typical NMES	Implication
Duty cycle	Current is flowing continuously with only 1 out of 60 seconds rest	Current flows only 20-50% of the treatment cycle	The VitalStim electrode is exposed to at least 2 times more current load
Treatment duration	60 minutes	20 - 30 minutes	The VitalStim electrode is exposed to current twice as long
Electrode Size	Approximately ½ to ¾ of an inch in diameter	Usually at least 4 square inches	The VitalStim electrode is exposed to a 5 times higher current density

How is it different?

Based on feedback from our customers, we have redesigned our electrode to meet the specific demands of dysphagia treatment:

- Unique material that stretches and moves with the patient without gapping
- Material tears without scissors for quick application
- Constructed to provide conductivity with no internal electrode separation
- Excellent adhesion and gentle removal for delicate skin²



The VitalStim Therapy electrode is easy to use and gives you the confidence that you are delivering electrical current consistently.

Individual results may vary. Neither DJO Global, Inc. nor any of its subsidiaries dispense medical advice. The contents of this brochure 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.

^{1,2} <http://www.covidien.com/imageServer.aspx/doc201635.pdf?contentID=18581&contentType=application/pdf>
Caution: Federal law restricts this device to sale by or on the order of a physician.

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