

A difference that is more than skin deep.



Why is it different?

A challenging therapy requires a different electrode.

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

- Unique construction to safely 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 trials.

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?

It's more efficient and more reliable than ever before.

Based on feedback from our customers, we have redesigned our electrode to meet the unique 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 reliable conductivity with no internal electrode separation
- Excellent adhesion and gentle removal for delicate skin

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