



What's the Ampcare difference?

Ampcare's Effective Swallowing Protocol (ESP) is an entirely different approach to dysphagia treatment compared to other electrical stimulation devices, including VitalStim. Its frequencies, pulse durations, intensities, electrode shapes/sizes, and an exercise protocol differ, resulting in better outcomes at a much more affordable price.

Ampcare ESP

VS

VitalStim Plus

\$1,249 Training, stimulator device, and electrodes for 100 uses	 INITIAL PRICE	\$5,322 Training, stimulator device, and electrodes for 100 uses
\$1,320 Electrodes: 1,000 visits in ~1 year	 RECURRING PRICE	\$13,610 Electrodes: 1,000 visits in ~1 year
Yes	 REUSABLE ELECTRODES	No
30 minutes	 TREATMENT TIME	60 minutes
0 – 100 mA Greater intensity + shorter duration is more comfortable	 STIMULATION INTENSITIES	0 – 25 mA Lower intensity + longer duration is uncomfortable
Resistive exercise <i>with</i> Restorative Posture Device	 EXERCISE PROTOCOL	None

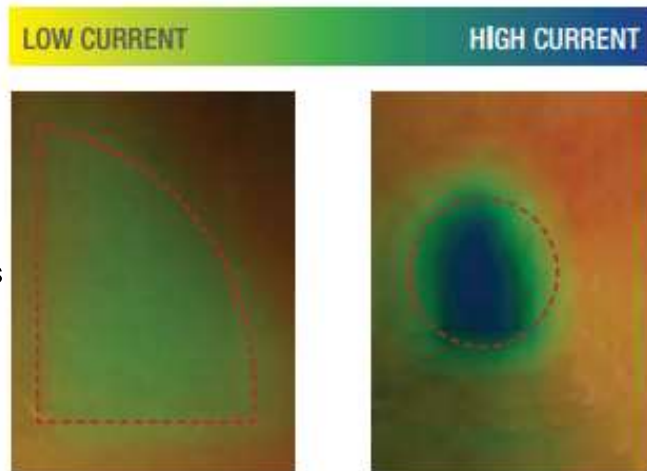


Increased comfort – leading to better therapy adherence.

Ampcare's E Series Electrode is pie-shaped and covers a larger surface area, which evenly distributes electrical current for improved comfort.

VitalStim's standard electrode is smaller and round, which concentrates the electrical current and can create a painful stimulus known as a "hotspot."

See the "heat map" imaging of Ampcare's electrode vs VitalStim's electrode below.



Ampcare's

E Series Electrode

Evenly distributed electrical current to improve comfort

- 4 pie-shaped electrodes
- Reusable or single-use

VitalStim's

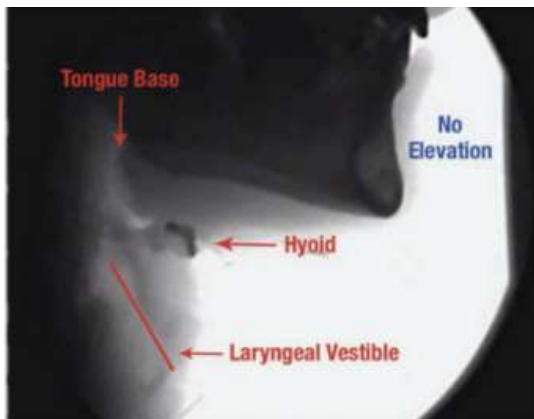
standard electrode

Concentrated distribution to a hotspot, creating a painful stimulus

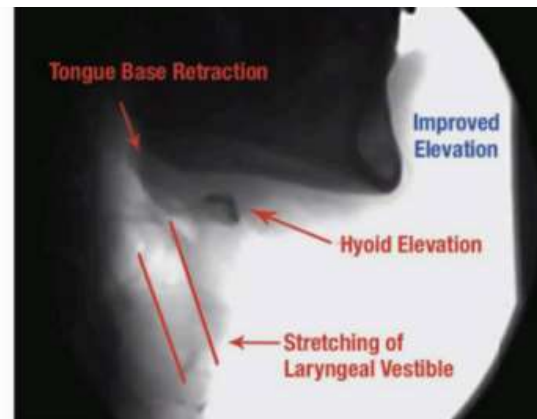
- 4 round electrodes
- Single-use only

Movement in the correct direction

Patient at rest



Patient with Ampcare's ESP



Ampcare's ESP can move the hyoid and larynx up and forward, promoting airway protection. **VitalStim** has been shown to lower the hyoid and larynx, reducing airway protection.^{1,2} No appreciable hyolaryngeal elevation was noted in healthy volunteers when VitalStim was stimulating only the submental region.¹



We sent a survey to Ampcare-Certified SLPs...

Nearly 40% of the respondents were certified in VitalStim or another electrical stimulation protocol before becoming Ampcare-certified.

When asked why they chose to get Ampcare-certified, here's what they said:

"We were unsatisfied with VitalStim and wanted a more cost-effective and functional therapy modality."

"Wasn't seeing results from VitalStim & heard good things about Ampcare."

"Many patients complained VitalStim was 'painful' and declined to continue with it."

"Because my department and colleagues felt strongly that VitalStim did not improve patient outcomes."

"We researched and felt that Ampcare was more evidence-based."

"When learning about Ampcare and doing research on the other protocol options, investing in and becoming Ampcare-certified was a no brainer."

"Easier to use, more affordable and more effective than VitalStim."

REFERENCES:

1. Humbert, I.A., et al. (2006). The Effect of Surface Electrical Stimulation on Hyolaryngeal Movement in Normal Individuals at Rest and During Swallowing. *J Appl Physiol*, 101, 1657-1663.
2. Ludlow, C.C., Wright-Harp, W., Martin, S. & Safi, M. (2010). Evaluation of Submental Stimulation in Healthy Volunteers. *Aerodigestive Tract Functions Conference*, Madison, WI.