

Estimulação eléctrica neuromuscular

PARTE 15

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$$F = G \frac{m_1 m_2}{d^2}$$

O QUE HÁ NA CIÊNCIA?

$$E = mc^2$$

$$\frac{df}{dt} = \lim_{h \rightarrow 0} \frac{f(t+h) - f(t)}{h}$$

Effect of surface neuromuscular electrical stimulation on labial and lingual muscles in healthy volunteers

Mohammed F. Safi^{a,b}, Wilhelmina Wright-Harp^b, Jay R. Lucker^b and Joan C. Payne^b

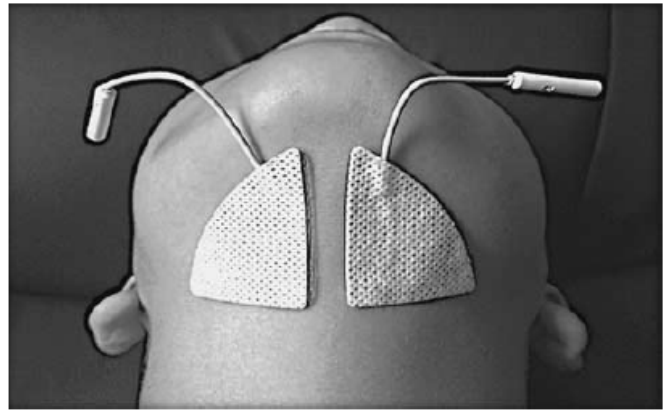
International Journal of Rehabilitation Research 2017, 40:119-126

Table 2 Intensity levels of neuromuscular electrical stimulation

	Submental stimulation MTL	Labial stimulation MTL
Total number of sessions	96	96
NMES stimulation intensity		
Range (mA)	39.20-88.20	29.40-78.40
Mean (SD)	65.99 mA (15.39)	55.33 mA (13.29)

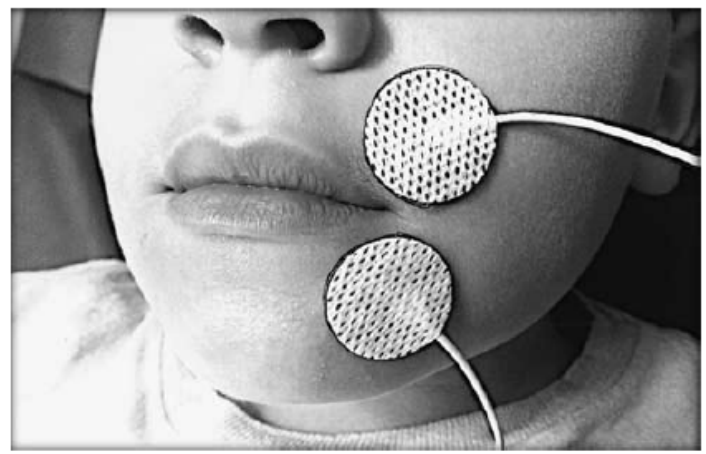
electrical stimulation. The following fixed waveform specifications were used in the study: a symmetrical biphasic waveform, 50 µs phase duration, and a frequency of 30 Hz.

Fig. 1



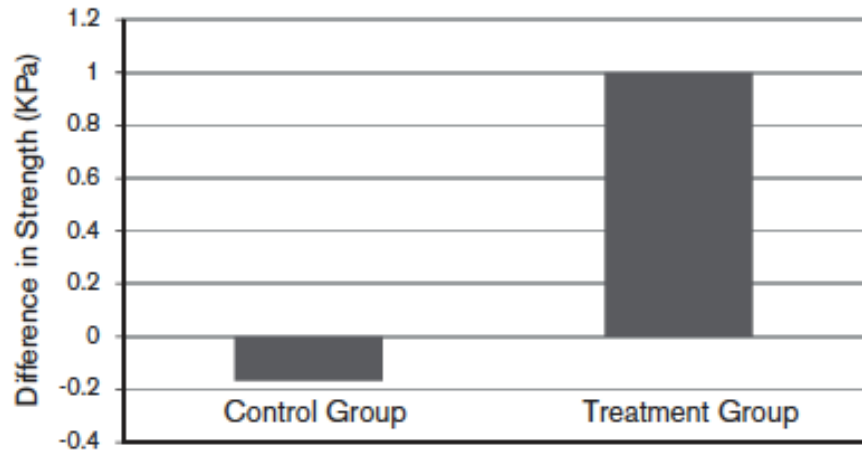
Submental electrodes' placements.

Fig. 2



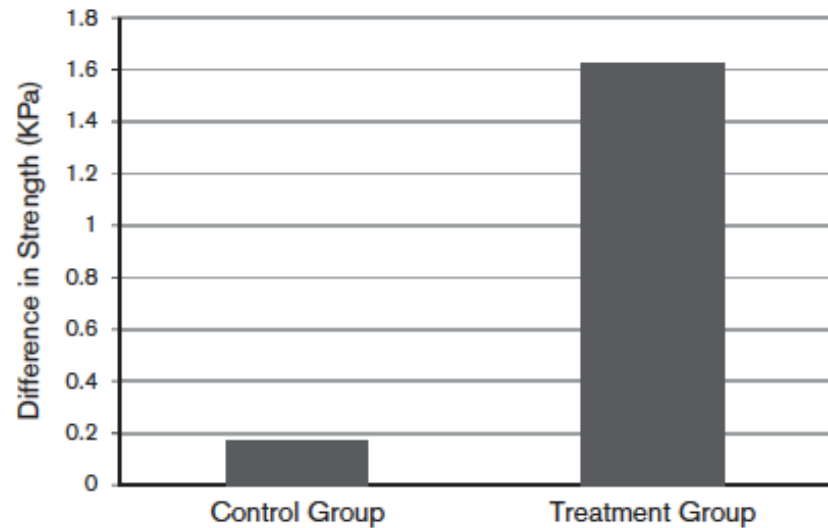
Labial electrodes' placements.

Fig. 3



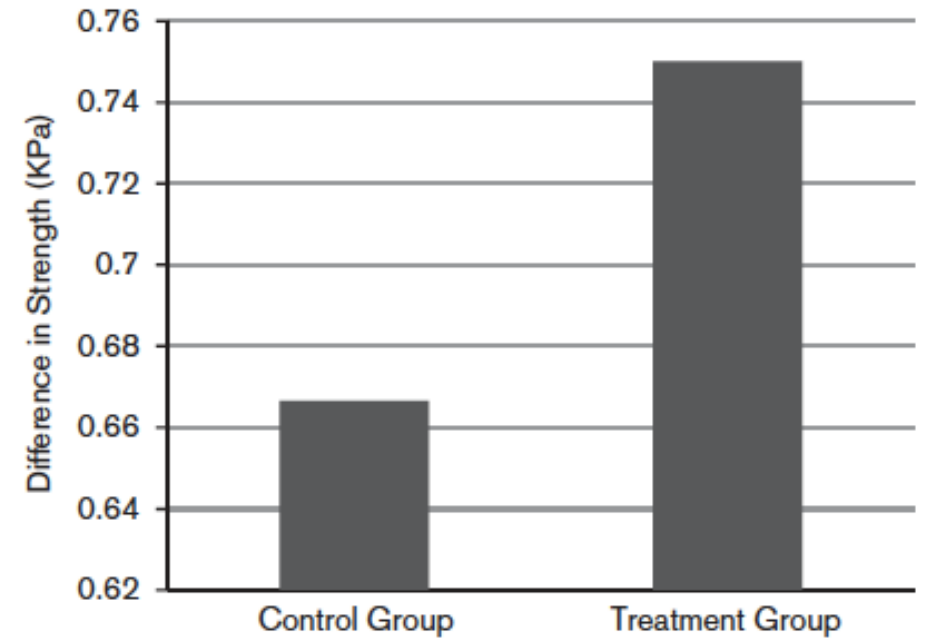
Comparison of the total Difference in the mean lateral labial measurements.

Fig. 4



Comparison of the total difference in the mean medial labial measurements.

Fig. 5



Comparison of the total difference in the mean lateral buccal dental measurements.