

Supporting Information

Near-Infrared Spectroscopy for Monitoring Sternocleidomastoid Muscular Oxygenation during Isometric Flexion for Patients with Mild Nonspecific Neck Pain: A Pilot Study

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Table S1. Adipose tissue thickness and muscular oxygenation variables of interest for male and female individual

	Male (pooled data of neck pain and asymptomatic individuals)	Female (pooled data of neck pain and asymptomatic individuals)	P-values
Adipose tissue thickness (mm)	0.54 ± 0.19	0.56 ± 0.25	0.882
Baseline StO₂ (%)	83.30 ± 3.41	84.97 ± 3.22	0.882
ΔStO₂ (%)	14.67 ± 7.10	17.17 ± 5.80	0.456
Half-deoxygenation time of StO₂ (s)	12.52 ± 2.32	11.63 ± 2.42	0.456
Half-reoxygenation time of StO₂ (s)	6.14 ± 2.68	7.91 ± 2.34	0.230
Median frequency (Hz)	0.33 ± 0.14	0.32 ± 0.14	0.710

Data are shown as mean ± standard deviation. Because of non-normal distribution of these variables verified by the Kolmogorov-Smirnov test, a non-parametric Mann-Whitney *U* test was chosen to further determine whether differences existed between the two tested populations. The results were considered to be statistically significant if the *P*-value was below 0.05.



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