

**ASSESSMENT OF THE PERIPHERAL MICROCIRCULATION IN PATIENTS WITH
AND WITHOUT SHOCK: A PILOT STUDY INCLUDING NEAR-INFRARED
SPECTROSCOPY**

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Supplementary material

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Table S1. Linear regression and correlation between SOFA score and perfusion parameters.

Characteristics	β_1	IC95%	r	R²	P value
CRT	1.481	0.357 – 2.604	0.402	0.162	0.011
Tskin-diff	-0.010	-0.472 – 0.453	-0.007	0.000	0.966
PPI	-0.124	-0.842 – 0.594	-0.056	0.003	0.730
StO ₂ , %	-0.073	-0.209 – 0.062	-0.175	0.030	0.281
StO ₂ min, %	-0.082	-0.170 – 0.006	-0.293	0.086	0.067
StO ₂ max, %	-0.130	-0.282 – 0.021	-0.271	0.074	0.090
Descending slope, %/min	0.058	-0.239 – 0.355	0.066	0.004	0.695
Ascending slope, %/sec	-0.503	-1.308 – 0.303	-0.206	0.043	0.214
Recovery time, sec	0.041	-0.007 – 0.088	0.278	0.077	0.091
StO ₂ max - StO ₂ min, %	-0.079	-0.317 – 0.159	0.109	0.012	0.504
Hyperemia area	-0.051	-0.174 – 0.072	-0.138	0.019	0.409

CRT: capillary refill time, Tskin-diff: skin-temperature gradient, PPI: peripheral perfusion index, StO₂: tissue oxygen saturation, StO₂min: minimum StO₂ after arterial occlusion test, StO₂max: maximum StO₂ after arterial occlusion.

β_1 : regression slope, r: Pearson correlation coefficient, IC95%: 95 confident intervals, R²: r squared.