



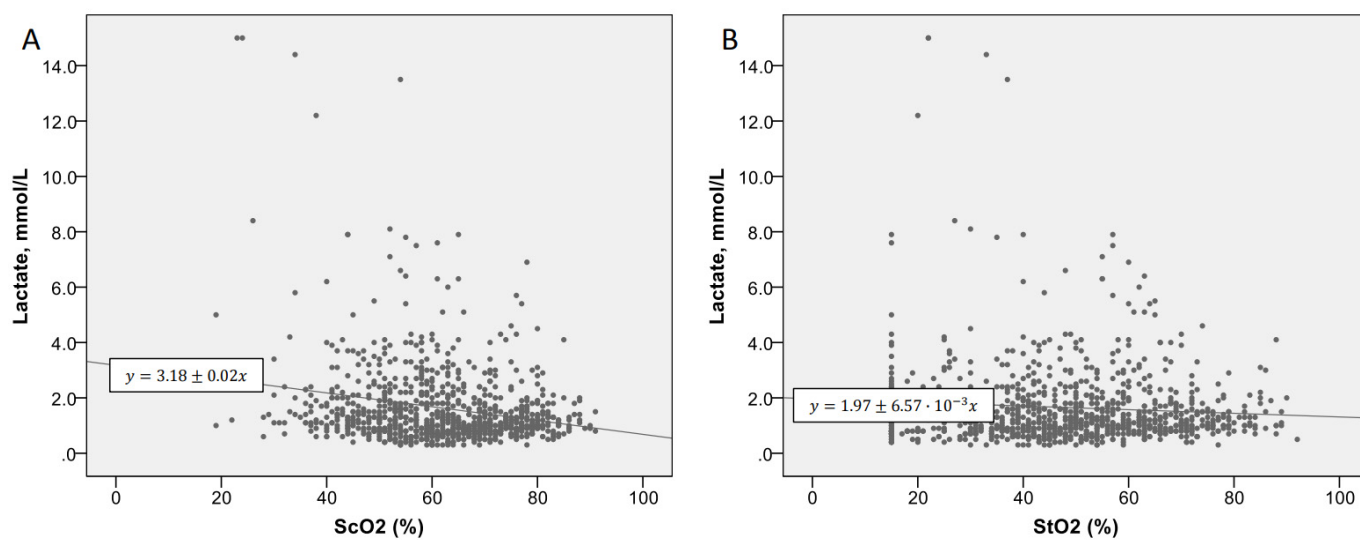
SUPPLEMENTARY MATERIAL

Table S1. Correlations with regional O₂ saturation.

Variable	Cerebral O ₂		Somatic O ₂	
	R	P-value	R	P-value
Arterial saturation	0.449	<0.000	0.29	<0.000
Hemoglobin concentration	0.284	<0.000	0.323	<0.000
Systolic blood pressure	-0.07	<0.000	0.03	0.039
Diastolic blood pressure	0.021	0.139	0.059	<0.000
Mean blood pressure	-0.023	0.114	0.049	0.001
pH	0.033	0.329	0.024	0.479
PCO ₂	-0.188	<0.000	-0.378	<0.000
PO ₂	0.298	<0.000	0.203	<0.000
Sex	0.007	0.557	0.213	<0.000

PCO₂: partial pressure of carbon dioxide, PO₂: partial pressure of oxygen.

Figure S1. Relationship between averaged regional NIRS and lactate.



ScO₂; cerebral oxygenation, StO₂; Somatic oxygenation

Figure S2. Changes in the cerebral and somatic oxygenation associated with adverse events.