

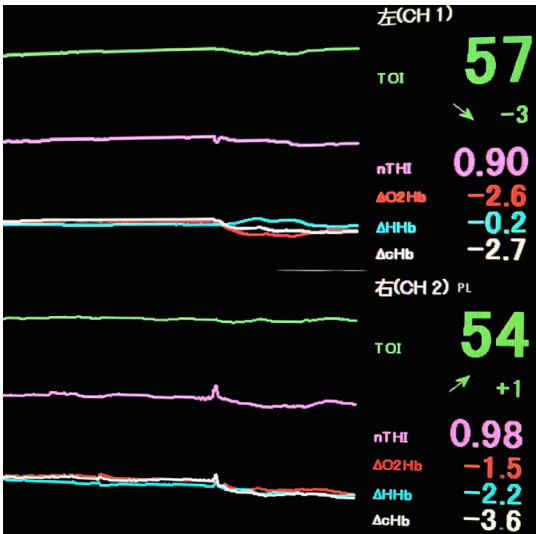


Figure S1 The image of NIRO-200NX (Hamamatsu Photonics, Hamamatsu, Japan).

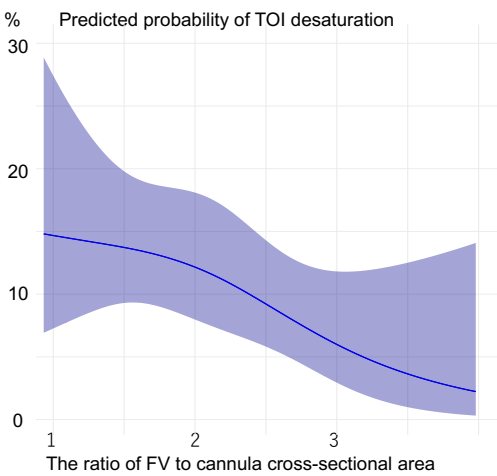


Figure S2 Univariable cubic spline curves of the ratio of FV to cannula cross-sectional area. The vertical axis indicates the predicted probability of intraoperative TOI desaturation. FV, femoral vein; TOI, tissue oxygenation index.

Table S1 Multivariable logistic regression including interaction terms

Variables	OR (95% CI)	P value
Age	1.04 (0.961–1.13)	0.31
Hypertension	<0.001 (<0.001–0.102)	0.01
FA-cannula diameter difference	4.58 (0.176–119.0)	0.36
Ratio of FV to cannula cross-sectional area	1.05 (0.265–4.18)	0.94
Age × hypertension	1.11 (1.02–1.20)	0.02
Age × FA-cannula diameter difference	0.943 (0.892–0.996)	0.03
Hypertension × FA-cannula diameter difference	3.79 (0.748–19.2)	0.11
FA-cannula diameter difference × ratio of FV to cannula cross-sectional area	1.01 (0.489–2.07)	0.98

FA, femoral artery; FV, femoral vein; OR, odds ratio.