

Comparison of TPTD-derived parameters				
Parameter	Jugular indicator injection	Femoral indicator injection	Number of pairs	P-value
CO [l/min]	6.37 ± 2.11	8.31 ± 2.07	23	0.0029
CI [l/min/m ²]	3.10 ± 1.19	4.19 ± 1.01	23	0.001
CFI [1/min]	2.53 ± 1.06	1.44 ± 0.60	21	< 0.0001
SVRI [dynSm ² /cm ⁵]	1861 ± 771	1303 ± 471	23	0.005
EVLW [ml]	1250 ± 499	1931 ± 635	21	0.0002
EVLWI [ml/kg]	18.3 ± 6.71	29.3 ± 10.9	21	0.0003
ITBV [ml]	1587 ± 332	3923 ± 1193	21	< 0.0001
ITBVI [ml/m ²]	806 ± 125	2163 ± 631	21	< 0.0001
GEDV [ml]	1260 ± 267	3139 ± 955	21	< 0.0001
GEDVI [ml/m ²]	687 ± 141	1731 ± 505	21	< 0.0001
PVPI	3.89 ± 1.47	2.49 ± 1.21	21	0.004
SVV [%]	14.1 ± 5.56	12.7 ± 5.45	22	0.07
ITTV [ml]	2837 ± 729	5897 ± 1387	20	< 0.0001
PTV [ml]	1616 ± 616	2597 ± 883	20	0.0002
MTt [s]	29.50 ± 11.80	45.40 ± 16.60	20	< 0.0001
DSt [s]	16.70 ± 8.21	21.0 ± 7.83	20	0.0031

Supplementary Table S1: Comparison of TPTD-derived parameters from jugular and femoral indicator injections

CI cardiac index, *CFI* cardiac function index, *CO* cardiac output, *DSt* downslope time, *EVLW* extravascular lung water, *EVLWI* extravascular lung water index, *GEDV* global end-diastolic volume, *GEDVI* global end-diastolic volume index, *ITBV* intrathoracic blood volume, *ITBVI* intrathoracic blood volume index, *ITTV* intrathoracic thermal volume, *MTt* mean transit time, *PTV* pulmonary thermal volume, *PVPI* pulmonary vascular permeability index, *SVRI* systemic vascular resistance index.