

Supplementary Material

Table S1. Lesion characteristics of individual participants.

No.	Sex	Age	Handedness	Age at stroke	Time since stroke	Lesion location	Lesion side	Lesion volume	Vessel territory	Etiology (CASCADE)	Initial PSOM	Chronic PSOM
1	1	6.08	Right	4.00	2.08	SC	Left	0.01	MCA/ICA	Arteriopathy	1	0
2	1	15.5	Right	11.75	3.58	SC	Right	0.003	MCA	Arteriopathy	0.5	0
3	2	18.42	Left	6.25	12.08	SC+C	Left	1.08	MCA	Other	4	1
4	2	8.33	Right	4.83	3.50	SC	Right	0.10	MCA	Other	1	0
5	1	14.08	Right	3.42	10.50	SC	Right	0.35	MCA	Arteriopathy	1	1
6	1	15.33	Right	7.83	7.41	SC	Left	0.02	MCA	Arteriopathy	0	0
7	2	11.42	Left	3.5	7.83	SC	Left	0.01	MCA	Arteriopathy	1	0.5
8	2	13.17	Right	5.75	7.33	SC+C	Left	3.47	MCA	Other	2	0
9	2	18.75	Right	14.33	4.42	SC	Left	0.05	MCA/ICA	Arteriopathy	1	0
10	2	8.75	Left	5.33	3.42	SC+C	Left	7.74	MCA	Other	4	2
11	2	9.42	Left	1.5	7.92	SC	Left	1.00	MCA	Multi-factorial	3	0.5
12	2	11.67	Right	6.67	4.92	SC	Left	0.01	MCA	Cardio-embolic	0	0
13	1	20.75	Left	9.83	10.92	SC+C	Left	11.68	MCA	Other	2	2.5
14	2	16.75	Left	1.17	15.50	SC	Left	0.09	MCA	Other	0	0

Note. Calculation of lesion size ratio: volume of lesion/total intracranial volume $\times$ 100. SC, subcortical; C, cortical; PSOM, pediatric stroke outcome measure; initial = 1 month after stroke; chronic = at the time of study assessments.

Table S2. Motion during measurement of cerebral blood flow.

	Mann-Whitney-U	z value	<i>p</i> value
X axis motion (mm)	337.00	−0.335	0.738
Y axis motion (mm)	320.00	−0.619	0.536
Z axis motion (mm)	271.00	−1.439	0.150
X axis angle motion (radians)	355.00	−0.033	0.973
Y axis angle motion y (radians)	348.50	−0.142	0.887
Z axis angle motion z (radians)	340.50	−0.276	0.782

Note. Deviations from the initial position were measured along the x-,y- and z-axes in mm (x,y, z) and in radians (α,β,γ).