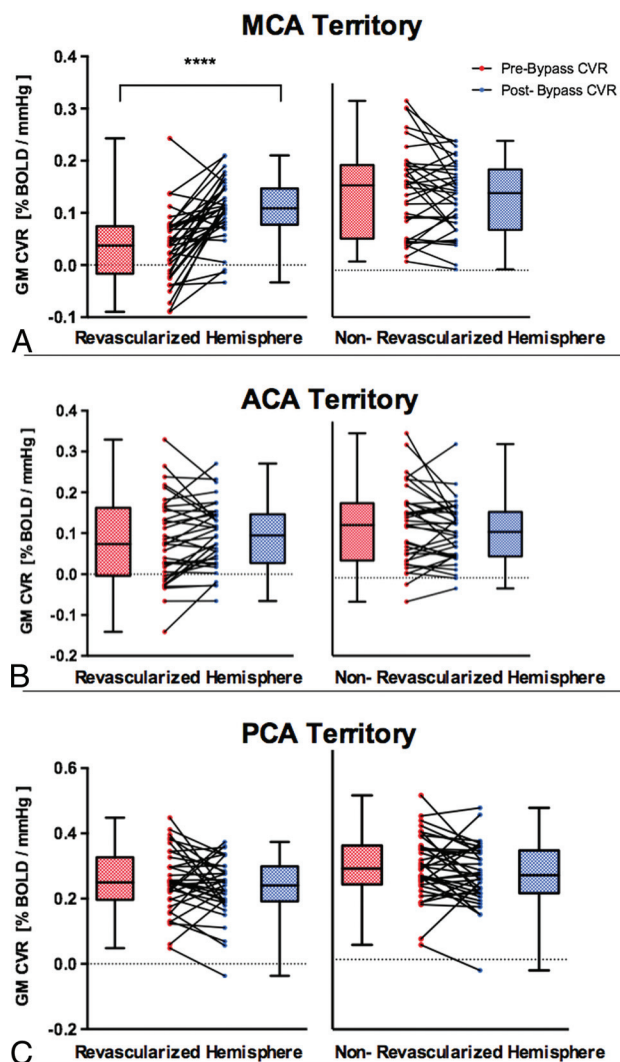




ON-LINE FIGURE. Comparisons of pre- and postunilateral STA-MCA bypass on gray matter CVR in the ipsilateral revascularized and contralateral nonrevascularized hemispheres in patients with Moyamoya disease, Moyamoya syndrome, and steno-occlusive and atherosclerotic disease. The gray matter CVR in revascularized and nonrevascularized hemispheres is shown in different vascular territories: MCA (A), ACA (B), and PCA (C). The box denotes the interquartile range (25%–75%), the horizontal line in the box denotes the median, and the whiskers denote the minimum and maximum values. Four asterisks indicate $P < .0001$.

On-line Table: Patient demographics and revascularized hemisphere white matter CVR outcomes^a

Patient No.	Age (yr)	Sex	Etiology	Intervention	Follow-Up 1 ^b	Follow-Up 2 ^c	%Δ MCA	%Δ ACA	%Δ PCA
1	44	M	MMD	L STA-MCA bypass	8	5	175.0	7.0	−24.5
2	49	M	MMD	L STA-MCA bypass	24	23	79.3	20.2	112.4
3	35	F	Idiopathic stenosis	L STA-MCA bypass	13	9	464.0	66.2	−9.5
4	74	M	MMS	L STA-MCA bypass	24	25	−21.2	−376.2	−22.7
5	41	F	MMD	R STA-MCA bypass	10	7	144.5	−89.7	−27.9
6	17	M	MMD	R STA-MCA bypass	16	15	201.6	76.8	−6.4
7	77	M	Atherosclerosis	R STA-MCA bypass	18	13	554.9	142.6	45.3
8	18	F	MMS	L STA-MCA bypass	7	5	114.6	104.9	94.1
9	40	F	MMD	R STA-MCA bypass	31	26	193.6	346.4	48.9
10	51	F	MMD	R STA-MCA bypass	6	4	121.2	705.5	12.7
11	78	M	Atherosclerosis	R STA-MCA bypass	18	16	25.9	−48.9	47.0
12	48	F	Vasculitis	R STA-MCA bypass	6	3	707.1	3.5	738.2
13	41	F	MMD	L STA-MCA bypass	7	4	51.0	−3.3	203.3
14	58	M	MMD	L STA-MCA bypass	6	4	219.0	−79.3	4.5
15	73	M	Atherosclerosis	L STA-MCA bypass	4	3	406.9	−36.4	−15.5
16	40	F	MMD	R STA-MCA bypass	12	8	119.7	85.9	−30.3
17	57	M	MMD	L STA-MCA bypass	20	17	112.4	66.6	−66.0
18	62	F	Atherosclerosis	R STA-MCA bypass	7	5	282.7	204.7	36.2
19	48	F	MMD	R STA-MCA bypass	6	3	285.3	118.4	2.1
20	58	M	MMD	R STA-MCA bypass	7	3	525.4	122.8	61.4
21	32	F	MMD	L STA-MCA bypass	4	14	−5.6	−4.7	−50.2
22	55	M	Atherosclerosis	L STA-MCA bypass	14	6	130.7	248.8	−27.9
23	38	F	MMD	R STA-MCA bypass	8	5	296.2	731.3	148.7
24	45	F	MMD	R STA-MCA bypass	14	8	762.0	30.0	−4.4
25	59	M	Atherosclerosis	R STA-MCA bypass	26	20	−0.9	−12.6	−167.8
26	39	F	MMD	R STA-MCA bypass	9	4	11.8	−31.8	−29.1
27	14	M	MMD	R STA-MCA bypass	7	7	341.6	75.5	14.9
28	16	F	MMD	R STA-MCA bypass	16	4	−136.2	−16.7	−10.8
29	53	M	MMD	R STA-MCA bypass	5	5	45.0	1.7	38.6
30	42	F	MMD	L STA-MCA bypass	7	5	137.9	1369.7	−16.3
31	25	M	MMD	R STA-MCA bypass	8	5	395.0	302.8	−7.3
32	48	F	MMD	R STA-MCA bypass	6	4	157.2	73.0	0.5
33	52	F	MMD	R STA-MCA bypass	7	4	213.4	132.2	1.8
34	35	M	MMS	R STA-MCA bypass	49	4	−44.6	97.7	−28.0
35	41	F	MMD	L STA-MCA bypass	12	11	−36.1	−50.8	−31.5

Note:—MMS indicates Moyamoya syndrome; L, left; R, right.

^a The last 3 columns denote the percentage change in white matter CVR in the intervened hemisphere in each vascular territory after bypass.

^b The time between preoperative assessment and postoperative revascularization surgery (months).

^c The time between unilateral STA-MCA bypass surgical revascularization and postoperative CVR MRI study (months).