

Supplementary Table 1. Summary of individual patients characteristics

No.	Age	Sex	Prior medical history	Concurrent medications	DEFINITE RCVS (on CTA, MRA, or angiography and reversal on follow-up)	Vessels involved on CTA, MRA, or angiography	PRES extent	Max velocity on TCCD (m/sec)	CE FLAIR enhancement score	MRI timing (day from neurological signs onset)	CSF protein (mg/dL)	CSF cell count (cells/mL)	Thunderclap headache	Clinical seizure	SAH	Stroke	Composited Severity score	RCVS causes	MRI follow-up CE FLAIR resolution
1	36	F	Non-significant	-	+	Bil MCA, ACA, LPCA, BA, bil SCA	0	261	6	0	32	0	+	-	-	+	2	Drugs or substances	NA
2	52	F	Non-significant	-	+	RMCA, RPCA, RACA, LMCA	2	123	8	1	46	0	-	+	+	-	3	Drugs or substances	Yes
3	40	F	APLA, FMF	Colchicine, clexane	+	Bil MCA, ACA, PCA	2	101	6	3	44	2	-	-	-	-	1	Idiopathic	NA
4	26	F	Non-significant	-	+	LMCA, bil PCA	0	115	2	1	22	0	-	+	-	-	1	Drugs or substances	NA
5	63	F	s/p bil mastectomy, remission, HTN	-	+	Bil ACA, LMCA	0	125	9	1	40	2	+	-	+	-	2	Idiopathic	NA
6	41	F	Non-significant	-	+	Mild bil MCA	0	228	1	2	96	0	-	-	-	-	0	Pregnancy or postpartum	NR
7	48	F	Non-significant	-	+	Bil ACA, RMCA	0	NA	0	2	36	0	+	-	-	-	1	Other medical condition	NR
8	26	F	RF in childhood, migraine	Topiramate	-	None	0	NA	NR	30	29	0	-	-	-	-	NR	Drugs or substances	NR
9	48	F	Non-significant prior, new APS diagnosis	Oral contraceptives	+	RACA, RMCA, RPCA	0	285	5	12	53	6	-	-	-	+	1	Drugs or substances	Partial
10	62	F	IHD, HTN, cardiac pacemaker, s/p bil supraclinoid aneurysm coiling	Aspirin	+	Bil ACA, PCA, MCA	NA	NR	NA	NA	150	0	+	+	+	-	NR	Idiopathic	NA
11	42	F	Non-significant	None	+	RMCA, RACA	0	NA	6	-2	Normal	0	-	+	+	+	3	Idiopathic	Yes

Supplementary Table 1. Continued

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12	23	F	F2 heterozygote, DVT and recurrent abortions	Clexane during pregnancies	+	Bil ACA, MCA, SCA	0	154	8	-2	57	5	+	+	-	+	3	Pregnancy or postpartum	Yes
13	22	F	Migraines	None	-	None	NR	157	NR	1	NA	NA	+	-	-	-	1	Idiopathic	NA
14	27	F	Non-significant	None	+	Bil distal MCA	1	169	1	0	NA	NA	-	+	-	-	2	Pregnancy or postpartum	Yes
15	26	F	Migraines	None	+	Bil MCA, BA	2	166	8	1	NA	NA	+	-	-	-	2	Pregnancy or postpartum	Yes
16	60	F	Stroke, IHD	Aspirin, plavix	-	LMCA, bil PCA	NR	70	NR	1	65	0	+	-	+	-	NR	Idiopathic	Yes
17	42	F	Non-significant	None	-	Bil ACA	NR	91	NR	2	NA	NA	+	-	-	-	NR	Pregnancy or postpartum	No
18	59	F	Non-significant	None	+	LACA, LMCA, LSCA	0	223	6	1	34	0	+	-	-	-	1	Drugs or substances	Yes
19	58	F	Non-significant	None	+	RPCA, bil ACA, bil MCA	0	87	8	-5	31	0	+	-	+	-	2	Idiopathic	Yes
20	35	F	DM, aplastic anemia	Prednisone 40 mg, fluconazole, cyclosporine 175 mg bid, lantus	+	Bil MCA, ACA, PCA, SCA, BA	0	245	3	-2	NA	NA	-	-	-	+	1	Drugs or substances	Yes

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21	39	F	Episodic migraine	None	+	Bil MCA, bil VA, BA	0	53	3	-6	44	0	-	-	-	-	0	Other medical condition	NA
22	65	F	Breast malignancy metastatic	Chemotherapy	+	Bil ACA, bil MCA	0	122	2	-5	74	7	+	-	+	-	2	Other medical condition	Yes
23	65	F	Dyslipidemia, hypertension	Eltroxin, Losartan	+	Bil MCA, bil PCA	0	194	3	-5	95	5	+	-	-	-	1	Idiopathic	Yes
24	35	F	Non-significant	None	+	Bil ACA, RMCA, BA	1	132	6	-11	NA	NA	+	+	-	+	4	Drugs or substances	Yes
25	33	F	Episodic migraine	None	+	Bil VA	0	50	0	14	NA	NA	+	-	-	-	1	Drugs or substances	NR

DEFINITE RCVS, reversible cerebral vasoconstriction syndrome; CTA, computed tomography angiography; MRA, magnetic resonance angiography; PRES, posterior reversible encephalopathy syndrome; TCCD, transcranial color Doppler imaging; CE FLAIR, contrast enhanced fluid attenuation inversion recovery; MRI, magnetic resonance imaging; CSF, cerebrospinal fluid analysis; SAH, subarachnoid hemorrhage; Bil, bilateral in regard to artery; MCA, middle cerebral artery; ACA, anterior cerebral artery; LPCA, left posterior cerebral artery; SCA, superior cerebellar artery; NA, non-available; RMCA, right middle cerebral artery; RPCA, right posterior cerebral artery; RACA, right anterior cerebral artery; LMCA, left middle cerebral artery; APLA, antiphospholipid antibody; FME, familial Mediterranean fever; PCA, posterior cerebral artery; s/p, status post; HTN, hypertension; NR, non-relevant; RF, rheumatic fever; APS, antiphospholipid syndrome; IHD, ischemic heart disease; DVT, deep vein thrombosis; LACA, left anterior cerebral artery; LSCA, left superior cerebellar artery; bid, twice a day; VA, vertebral artery.