

**On-line Table: Summary of demographic, clinical, and MR imaging findings of patients with presumed MVNT**

Pt. No.	Age (yr)	Sex	Clinical Manifestation	EEG	Location	Change during Follow-Up Period (mo)	Mass Effect	Signal Intensity on T1WI (Compared with Cortex)	Signal Intensity on T2WI (Compared with Normal White Matter)	Signal Intensity on FLAIR (Compared with CSF)	Signal Intensity on Thin-T2WI (Compared with CSF)	Signal Intensity on DWI (Compared with Normal White Matter)	Evidence of Restricted Diffusion	Presence of Gd Enhancement	SWI/GRE Blooming	Presence of Cortical Malformations or Abnormally Thick Overlying Cortex	Bubble-Like Lesion Size (Average Size in Millimeters)	Presence of Abnormal White Matter Signal Surrounding the Bubble-Like Lesions	Pathology Result
1	47	Female	Headache	X	Left temporoparietal	60	No	Iso	High	High	Low	High	No	No	No	No	1.0-3.0	Yes	X
2	55	Male	Headache	X	Right parietal	27	No	Iso	High	High	Low	High	No	No	No	No	2.0-5.0	No	X
3	28	Female	Seizures	Generalized slowing	Right frontal	26	No	Iso	High	High	Low	High	No	No	No	No	1.0-3.0	No	X
4	58	Male	Seizures	Generalized slowing	Right temporoparietal	58	No	Iso	High	High	Low	High	No	No	No	No	1.0-3.0	No	X
5	16	Female	Headache	X	Left frontoparietal	24	No	Iso	High	High	Low	High	No	No	No	No	1.0-2.0	Yes	X
6	34	Female	Upper extremity weakness	X	Left parietal	24	No	Iso	High	High	Low	High	No	No	No	No	1.0-3.0	Yes	X
7	32	Female	Headache	X	Left parietal	30	No	Iso	High	High	Low	High	No	No	No	No	1.0-5.0	No	X
8	41	Male	Headache	X	Left temporoparietal	24	No	Iso	High	High	Low	High	No	No	No	No	1.0-3.0	Yes	X
9	31	Female	Seizures	Generalized slowing	Left temporoparietal	36	No	Iso	High	High	Low	High	No	No	No	No	1.0-3.0	No	X
10	15	Female	Psychogenic	X	Right occipital	X	No	Iso	High	High	Low	X	X	No	No	No	1.0-3.0	Yes	Multiple glioneuronal hamartomas
11	54	Male	Suspected right middle cerebral artery stroke	X	Left parietal	41	No	Iso	High	High	Low	High	No	No	No	No	1.0-2.0	Yes	X
12	35	Male	Seizure from prior resection of right temporal lobe AVM	X	Left temporoparietal	48	No	Iso	High	High	Low	High	No	No	No	No	1.0-3.0	No	X
13	50	Female	Headache	X	Left temporoparietal	24	No	Mild hypo	High	High	Low	High	No	No	No	No	1.0-3.0	No	X
14	47	Male	Headache	X	Left parietal	26	No	Iso	High	High	X	High	No	No	No	No	1.0-3.0	No	X
15	50	Male	Asymptomatic long-term follow-up of skin melanoma	X	Right frontal	25	No	Iso	High	High	Low	High	No	No	No	No	1.0-3.0	No	X
16	46	Female	Headache	X	Left parietal	30	No	Iso	High	High	Low	High	No	No	No	No	1.0-3.0	No	X
17	32	Female	Asymptomatic follow-up of right frontal meningioma	X	Left posterior frontal	24	No	Iso	High	High	Low	High	No	No	No	No	1.0-3.0	No	X
18	55	Male	Bell palsy	X	Left parietal	36	No	Iso	High	High	Low	High	No	No	No	No	1.0-3.0	No	X
19	35	Female	Seizures	Generalized slowing	Left temporal	24	No	Iso	High	High	Low	High	No	No	No	No	1.0-5.0	No	X
20	32	Female	Headache	X	Left parietal	24	No	Mild hypo	High	High	Low	High	No	No	No	No	1.0-3.0	Yes	X
21	28	Female	Headache	X	Left temporal	24	No	Iso	High	High	X	High	No	No	No	No	1.0-3.0	No	X
22	21	Female	Headache	X	Left frontal	24	No	Iso	High	High	X	High	No	No	No	No	1.0-3.0	No	X
23	48	Male	Post-op follow-up of left temporal glioblastoma	X	Right temporal	25	No	Mild hypo	High	High	X	Mild hypo	No	No	No	No	1.0-3.0	Yes	X
24	56	Male	Headache	X	Left frontal	27	No	Mild hypo	High	High	X	High	No	No	No	No	1.0-3.0	No	X

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**On-line Table: Continued**

Pt. No.	Age (yr)	Sex	Clinical Manifestation	EEG	Location	Clinical Imaging Stability (mo)	Change during Follow-Up Period	Mass Effect	Signal Intensity on T1WI (Compared with Cortex)	Signal Intensity on T2WI (Compared with Normal White Matter)	Signal Intensity on FLAIR (Compared with CSF)	Signal Intensity on Thin-Section T2WI (Compared with CSF)	Signal Intensity on DWI (Compared with Normal White Matter)	Evidence of Restricted Diffusion	Presence of Gd Enhancement	SWI/GRE Blooming	Presence of Cortical Malformations or Abnormally Thick Overlying Cortex	Bubble-Like Lesion Size (Average Size in Millimeters)	Presence of Abnormal White Matter Signal Surrounding the Bubble-Like Lesions	Pathology Result
25	46	Male	Transient episode of expressive dysphasia	X	Left temporo-parietal	54	No	No	Hypo	High	High	X	X	X	Yes	No	No	1.0–3.0	Yes	X
26	25	Male	Isolated seizure	Frequent spikes of slow discharges in the right temporal lobe	Right temporal	96	No	No	Hypo	High	High	X	X	X	No	No	No	1.0–3.0	Yes	Two small areas of abnormal tissue consisting of glial and neuronal cells in a rarified background of focal microcyst formation
27	48	Female	Headache	X	Right occipital	24	No	No	Iso	High	High	X	X	X	No	No	No	1.0–3.0	Yes	X
28	27	Female	Seizures	X	Left precentral gyrus	144	No	No	Hypo	High	High	X	X	X	No	No	No	1.0–3.0	Yes	X
29	41	Female	Headache	X	Right frontal	25	No	No	Iso	High	High	X	High	No	No	No	No	1.0–3.0	Yes	X
30	51	Female	Headache	X	Right parietal	26	No	No	Iso	High	High	Low	High	No	No	No	No	1.0–3.0	No	X
31	53	Male	Seizures (mesial temporal lobe sclerosis)	Left temporal lobe	Left temporal	X	No	No	Hypo	High	High	X	X	No	No	No	No	1.0–3.0	Yes	Consistent with multinodular vacuulating tumor
32	28	Female	Headache	X	Left temporal	25	No	No	Iso	High	High	Low	High	No	No	No	No	1.0–3.0	No	X
33	43	Male	Headache	X	Left frontal	X	No	No	Mild hypo	High	High	X	X	No	No	No	No	1.0–3.0	Yes	Consistent with multinodular vacuulating tumor

**Note:**—EEG indicates electroencephalography; Gd, gadolinium; GRE, gradient recalled-echo; Iso, isointense; X, not available; hypo, hypointense; Pt., patient; Post-op., postoperative.