

e-Table 1. Clinico-radiological features of MOG-IgG–positive and -negative children with MOGAD-like encephalitic syndromes according to the presence or absence of myelin immunostaining

	MOG-IgG-positive (n=120)			MOG-IgG-negative (n=40)		
	TBA negative N=106 (88%)	TBA myelin pattern N=14 (12%)	P-value	TBA negative N=30 (75%)	TBA myelin pattern N=10 (24%)	P-value
Age median (IQR)	4 (3-7)	5.5 (3-8)	0.12	4 (2-9)	9 (8-10)	0.002*
Sex (Female)	51 (49%)	10 (71%)	0.15	11 (37%)	3 (30%)	0.70
MRI pattern						
- ADEM (pattern 1)	50 (48%)	8 (57%)	0.74	17 (57%)	3 (30%)	0.27
- Cortical predominant (pattern 2)	20 (19%)	3 (21%)		7 (22%)	4 (40%)	
- Isolated/predominant grey-matter (pattern 3)	35 (33%)	3 (21%)		7 (22%)	3 (30%)	
CSF analysis						
- OCB, n (%)	3/26	3/8	0.050	0/2	3/11	0.76
- WBC (cell/dl), median (IQR)	31 (14-53)	52 (18-95)	0.24	11 (1-26)	88 (23-95)	0.056
- Protein (mg/dl), median (IQR)	30 (23-40)	49 (37-65)	0.009*	27 (21-38)	36 (27-60)	0.28
mRS at nadir (median, IQR)	4 (3-4)	3 (3-4)	0.12	4 (3-5)	4 (3-5)	0.84
Immunotherapy:						
- First Line (steroids, IVIg or PLEX)	92 (87%)	13 (92%)	1	28 (90%)	6 (60%)	0.043*
- Second line and/or maintenance ^b	8 (8%)	1 (7%)	1	0	1	0.25
Outcome at last follow-up						
- Complete lesion resolution	78/105 (74%)	10/14 (71%)	0.75	25/31 (80%)	5/8 (62%)	0.35
- Seizures or anticonvulsants	7 (6%)	0 (0%)	0.59	0 (0%)	1 (10%)	0.22
- Bad outcome (mRS $\geq$ 2, n, %)	20 (19%)	1 (7%)	0.29	1 (3%)	1 (10%)	0.22
- mRS (median, IQR)	0 (0-1)	0 (0-0)	0.38	0 (0-1)	1 (0-1)	0.20
- Relapsing disease (n, %)	18 (17%)	4 (29%)	0.31	3 (9%)	1 (10%)	10.68

*p value <0.05. ^aFisher exact test or W when appropriate; ^b All rituximab (5 with MOG-IgG-positive also with Azathioprine), & In the MOG-IgG positive group: 12 relapses ADEM phenotype, 2 ON, 2 episodic encephalitis other than ADEM. In the antibody-negative group: ADEM pattern relapses of 3 ADEM and 1 ADEM+MLTE, and in Diffuse cortical pattern relapses of 1 Basal Ganglia/thalamus encephalitis. Abbreviations: IQR: interquartile range; IVIg: intravenous immunoglobulins; LOS: Liverpool outcome score; mRS: modified Rankin score; OCB: oligoclonal bands; PLEX: plasma exchange; WBC: white blood cells