

Supplementary Table 2: Cohort summary of young children, older children, and adults with relapsing MOG antibody-positive demyelination: clinical and laboratory characteristics

Clinical and laboratory characteristics		Young Children (age of onset 0-10 y) (n=27)	Older Children (age of onset 11-16 y) (n=6)	Adult patients Age of onset \geq 17 (n=26)	P values comparing all three age groups	P values comparing 0-10 to 11-16 age groups	P values comparing 11-16 to \geq 17 age groups	P values comparing 0-10 and \geq 11 age groups
Age at onset Mean; median (range)		5.4; 5 (1-10)	12.7; 12 (11-16)	40; 37 (18-74)	NA	NA	NA	NA
Gender F: M (% female)		18:9 (67%)	4:2 (67%)	18:8 (69%)	0.978	1.000	0.903	0.865
Ethnicity	Caucasian	19/27 (70%)	5/6 (83%)	19/26 (73%)	0.811	0.519	0.601	0.690
	Non-Caucasian	8/27 (30%)	1/6 (17%)	7/26 (27%)				
Presence of a preceding infectious prodrome		14/27 (52%)	3/6 (50%)	10/24 (42%)	0.761	0.935	0.713	0.520
Presenting phenotype	ADEM	12/27 (44%)	0/6 (0%)	0/26 (0%)	0.004	0.190	0.915	0.0003
	BON	6/27 (22%)	2/6 (33%)	11/26 (42%)				
	UON	3/27 (11%)	2/6 (33%)	8/26 (31%)				
	Other	6/27 (22%)	2/6 (33%)	7/26 (27%)				
EDSS at initial presentation Mean; median (range)		5.7; 5.5 (2-9.5)	5; 4 (3-8)	4.4; 4 (1-8.5)	0.058	0.412	0.754	0.018
CSF lymphocytic pleocytosis at initial presentation		16/25 (64%)	3/4 (75%)	9/19 (47%)	0.422	0.667	0.315	0.406
CSF protein elevation		9/25 (36%)	2/5 (40%)	7/19 (37%)	0.986	0.866	0.897	0.913

at initial presentation							
Presence of intrathecal oligoclonal bands at initial presentation	1/23 (4%)	1/4 (25%)	3/18 (17%)	0.300	0.146	0.696	0.140
Total number of demyelinating episodes Mean; median (range)	3.5; 3 (2-8)	2.8; 3 (2-4)	4; 3 (2-10)	0.718	0.438	0.497	0.950
Presence of ADEM at some point in clinical course	15/27 (56%)	2/6 (33%)	1/26 (4%)	0.0002	0.325	0.026	0.0001
Fulfills 2015 NMOSD criteria	4/27 (15%)	3/6 (50%)	8/26 (31%)	0.142	0.057	0.371	0.086
Fulfill Revised McDonald criteria for MS	4/27 (15%)	2/6 (33%)	3/26 (12%)	0.407	0.287	0.185	0.931
Follow up duration (months) Mean; median (range)	59; 35 (12-206)	98; 79 (49-186)	54; 39 (12-288)	0.055	0.047	0.016	0.843
EDSS at latest clinical follow up Mean; median (range)	1.09; 1 (0-3.5)	1; 1 (0-2)	1.56; 1.25 (0-5.5)	0.636	0.902	0.566	0.487