

	Units	Attack MY, first LP/event	Remission MY, last LP/event	Attack ON, first LP/event	Remission ON, last LP/event	Attack BRAIN, first LP/event	Remission BRAIN, last LP/event
Pleocytosis	<i>samples</i>	22/27 (81.5%)	1/4 (25%)	5/25 (20%)	1/3 (33.3%)	18/29 (62.1%)	1/3 (33.3%)
WCC	<i>cells/μl</i>	52 (2-256;27)	4 (0-35;4)	2 (0-18;25)	1 (0-23;3)	21 (0-173;29)	4 (2-18;3)
WCC >100/μl	<i>samples</i>	9/27 (33.3%)	0/4 (0%)	0/25 (0%)	0/3 (0%)	1/29 (3.4%)	0/3 (0%)
OCB	<i>samples</i>	7/27 (25.9%)	0/2 (0%)	0/26 (0%)	0/3 (0%)	2/26 (7.7%)	0/3 (0%)
IgG-IF >10%	<i>samples</i>	3/21 (14.3%)	0/2 (0%)	0/19 (0%)	0/2 (0%)	2/20 (10%)	0/2 (0%)
QAlb > Qlim(Alb)	<i>samples</i>	14/22 (63.6%)	0/2 (0%)	5/20 (25%)	0/2 (0%)	12/22 (54.5%)	0/2 (0%)
CSF TP elevated	<i>samples</i>	10/25 (40%)	1/4 (25%)	1/24 (4.2%)	0/2 (0%)	7/28 (25%)	0/2 (0%)
CSF TP concentrations	<i>mg/dl</i>	43.6 (14-89;26)	35.85 (19.6-56.6;4)	24.86 (13.4-64;22)	25.05 (22.1-28;2)	32.2 (14.2-97.2;29)	19.5 (17-22;2)
CSF TP >100 mg/dl	<i>samples</i>	0/26 (0%)	0/4 (0%)	0/24 (0%)	0/2 (0%)	0/29 (0%)	0/2 (0%)
CSF L-lactate elevated	<i>samples</i>	10/20 (50%)	1/3 (33.3%)	3/20 (15%)	1/1 (100%)	6/19 (31.6%)	0/2 (0%)
CSF L-lactate concentrations	<i>mg/dl</i>	1.79 (1.38-2.6;20)	1.5 (1-2.11;3)	1.5 (0.97-2.56;18)	1.9 (1.9-1.9;1)	1.59 (0.9-2.83;19)	1.7 (1.69-1.7;2)
CSF L-lactate >3 mmol/l	<i>samples</i>	0/20 (0%)	0/3 (0%)	0/20 (0%)	0/1 (0%)	0/19 (0%)	0/2 (0%)
Time since attack onset	<i>days</i>	2 (0-33;28)	623 (68-1827;4)	3.5 (0-40;26)	56 (46-63;3)	1.5 (0-26;30)	48 (48-3595;3)

**Supplementary Table 1.** CSF findings during acute attacks (first LP/event) and during remission (last LP/event) in the ‘acute MY subgroup’, the ‘acute ON subgroup’ and the ‘acute BRAIN subgroup’ (stratified results from Table 10). CSF = cerebrospinal fluid; IgG-IF = immunoglobulin G, intrathecally produced fraction; LP = lumbar puncture; MY = myelitis; OCB = oligoclonal bands; ON = optic neuritis; TP = total protein; WCC = white cell count.