

SUPPLEMENTAL MATERIAL

Supplemental Table 1. Summary of clinical features and ‘MS-like’ lesion counts in MS with and without VRF and segregated per each VRF.

	no VRF (N=92)	Any VRF (N=106)	Smokers* (N=80)	Hypertensives* (N=43)	Dyslipidemics* (N=25)	Diabetics* (N=10)
Mean age (years) (SD)	47.5 (8.3)	48.1 (8.5)	48.3 (8.5)	50.6 (9.3)	49.4 (8.2)	55.5 (7.8)
% females (N)	63.0 (58)	61.3 (65)	62.5 (50)	60.5 (26)	64.0 (16)	50.0 (5)
%MS Type (N)						
CIS	20.7 (19)	14.2 (15)	10.0 (8)	14.0 (6)	20.0 (5)	10.0 (1)
RRMS	53.3 (49)	63.2 (67)	65.5 (52)	55.8 (24)	52.0 (13)	60.0 (6)
SPMS	18.5 (17)	16.0 (17)	18.8 (165)	18.6 (8)	16.0 (4)	30.0 (3)
PPMS	7.6 (7)	6.6 (7)	6.3 (5)	11.6 (5)	12.0 (3)	
Median Disease Duration (years) (IQR)	12.2 (12.9)	11.5 (12.0)	12.4 (11.2)	11.9 (10.7)	11.0 (16.3)	13.1 (15.4)
DMT						
None	47.8 (44)	41.5 (44)	37.5(30)	48.8 (21)	52.0 (13)	30.0 (3)
First line	46.7 (43)	45.3 (48)	47.5 (38)	44.2 (19)	36.0 (9)	50.0 (5)
Second line	5.4 (5)	9.4 (10)	10.0 (8)	7.0 (3)	12.0 (3)	10.0 (1)
NA		3.8 (4)	5.0 (4)			
Median DF (IQR)	2 (4)	2 (4)	3 (5)	2 (4)	2 (4)	1.5 (4)
% cases 1 or more DF (N)	78 (72)	78.3 (83)	81.3 (65)	72.1 (31)	80.0 (20)	70.0 (7)
Median JCL (IQR)	2 (5)	2 (5)	2 (6)	2 (5)	2 (8)	1.5 (3)
% cases 1 or more JCL (N)	80.4 (74)	84.0 (89)	86.3 (69)	81.4 (35)	80.0 (20)	70.0 (7)
Median U S JCL (IQR)	0 (1)	0 (1)	0 (1)	0 (1)	0 (1)	0 (1)
% % cases 1 or more U S JCL (N)	43.5 (40)	36.8 (39)	36.3 (29)	36.4 (16)	32.0 (8)	20 (2)

*Cases with only the indicated VRF, or in association with other VRF

CIS – clinical isolated syndrome, RRMS – relapsing remitting MS, SPMS – secondary progressive MS, PPMS – primary progressive MS, DMT – disease modifying treatments, DF – Dawson’s fingers, JCL – juxtacortical lesions, iTL- infratentorial lesion, IQR – interquartile range