

**Supplemental table 1.** Eligibility of real-world population in St. Antonius Hospital (n = 21) to ORATORIO clinical trial; separated for each eligibility criteria<sup>a</sup>

	Number of patients eligible (%)
Age 18-55 years	15 (71.4)
EDSS score of 3.0 to 6.5 at baseline	21 (100)
Pyramidal functions component of the functional systems Scale of $\geq 2$	21 (100)
Time since first MS symptoms $\leq 15$ years (EDSS $> 5.0$ at baseline)	21 (100)
Time since first MS symptoms $\leq 10$ years (EDSS $\leq 5.0$ at baseline)	19 (90.5)
History of elevated IgG index or $\geq 1$ IgG oligoclonal band in cerebrospinal fluid.	21 (100)
No History of RRMS, SPMS or PRMS	20 (95.2)
No contraindication to MRI	21 (100)
No side effects from oral or intravenous glucocorticoids	21 (100)
No previous treatment with B-cell-targeted therapies or other immunosuppressive medications	20 (95.2)

<sup>a</sup>ORATORIO eligibility criteria consisted of seven inclusion criteria and four exclusion criteria<sup>12</sup>