**Table S1:** Comparison of ERG parameters between MS patients and healthy controls at baseline (mean ± SEM; unpaired t-test).

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| --- | --- | --- | --- |
| ERG parameters | MS (n = 77) | Controls (n = 30) | P value |
| 0.01 DA  | b-wave amplitude (μV) | 348.71 ± 11.18 | 351.04 ± 25.16 | 0.92 |
| b-wave peak time (ms) | 97.27 ± 0.88 | 97.55 ± 1.65 | 0.87 |
| 3.0 DA  | a-wave amplitude (μV) | -279.22 ± 6.28 | -267.77 ± 8.79 | 0.32 |
| b-wave amplitude (μV) | 507.90 ± 12.67 | 489.09 ± 20.15 | 0.43 |
| a-wave peak time (ms) | 16.64 ± 0.09 | 16.29 ± 0.13 | 0.04\* |
| b-wave peak time (ms) | 53.12 ± 0.43 | 53.06 ± 0.69 | 0.94 |
| 12.0 DA  | a-wave amplitude (μV) | -337.51 ± 7.02 | -325.45 ± 9.58 | 0.34 |
| b-wave amplitude (μV) | 520.98 ± 13.16 | 508.88 ± 20.18 | 0.62 |
| a-wave peak time (ms) | 13.35 ± 0.12 | 13.46 ± 0.21 | 0.66 |
| b-wave peak time (ms) | 52.52 ± 0.39 | 52.73 ± 0.36 | 0.76 |
| 3.0 LA  | a-wave amplitude (μV) | -45.11 ± 1.34 | -41.29 ± 3.48 | 0.21 |
| b-wave amplitude (μV) | 179.76 ± 4.83 | 171.73 ± 6.59 | 0.37 |
| a-wave peak time (ms) | 15.17 ± 0.10 | 15.07 ± 0.14 | 0.55 |
| b-wave peak time (ms) | 30.45 ± 0.11 | 29.73 ± 0.16 | <0.001\*\*\* |
| 30 Hz Flicker | implicit time (ms) | 26.97 ± 0.22 | 26.71 ± 0.33 | 0.52 |
| amplitude (μV) | 125.28 ± 3.89 | 117.10 ± 5.34 | 0.28 |