**Study Title:** A prospective investigation of the feasibility of smartphone-based self-monitoring to characterize cognitive and neurological impairment in patients with multiple sclerosis (FLOODLIGHT MS-MoreActive)

#### **Participant Flow**

**Table 1** – Participant flow

| Category      | Primary progressive multiple sclerosis (PPMS) | Relapsing remitting multiple sclerosis (RRMS) | Secondary progressive multiple sclerosis (SPMS) |
|---------------|---|---|---|
| Started       | 12  | 242   | 25  |
| Completed     | 0   | 0   | 0   |
| Not Completed | 12  | 242   | 25  |

### **Reasons for not Completed**

| Withdrawal by     | 3 | 40  | 4  |
|-------------------|---|-----|----|
| Participant       |   |     |    |
| Other (Reason not | 9 | 202 | 21 |
| Specified)        |   |     |    |

#### **Baseline Characteristics**

## **Treatment groups**

**Cohort 1:** Participants with multiple sclerosis (PwMS) in Cohort 1 performed the Floodlight<sup>™</sup> MS (FL MS) Cognitive Test once every week (QW) and all other FL MS tests every 2 weeks (Q2W), MSReactor tests, and Redenlab tests at least once a month and Audio Recorded Cognitive Screen (ARCS) test once a year up to Month 24.

Cohort 2: PwMS in Cohort 2 performed the FL MS Cognitive Test and all other FL MS tests Q2W, MSReactor tests, and Redenlab tests at least once a month, and ARCS test once a year up to Month 24.

Cohort 3: PwMS in Cohort 3 performed the FL MS Cognitive Test every 4 weeks (Q4W) and all other FL MS tests Q2W, MSReactor tests, and Redenlab tests at least once a month, and ARCS test once a year up to Month 24.

Table 2 - Baseline Characteristics (Full Analysis Set)

| Demographic and Baseline Variable | Statistics              | Cohort 1 (N=67) | Cohort 2 (N=128) | Cohort 3 (N=84) | All Participants (N=128) |
|-----------------------------------|-------------------------|-----------------|------------------|-----------------|--------------------------|
| Age (years)                       |                         |                 |                  |                 |                          |
|                                   | Mean                    | 49.5            | 52.5             | 51.2            | 51.4                     |
|                                   | Standard Deviation [SD] | 10.2            | 11.0             | 12.5            | 11.3                     |
| Sex (participants)                |                         |                 |                  |                 |                          |
| Female                            | n (%)                   | 54 (80.6%)      | 98 (76.6%)       | 63 (75.0%)      | 64 (22.9%)               |
| Male                              | n (%)                   | 13 (19.4%)      | 30 (23.4%)       | 21 (25%)        | 215 (77.1%)              |

#### **Outcome Measures**

### **Treatment groups**

**Cohort 1:** Participants with multiple sclerosis (PwMS) in Cohort 1 performed the FL MS Cognitive TestQW and all other FL MS tests Q2W, MSReactor tests, and Redenlab tests at least once a month and ARCS test once a year up to Month 24.

**Cohort 2:** PwMS in Cohort 2 performed the FL MS Cognitive Test and all other FL MS tests Q2W, MSReactor tests, and Redenlab tests at least once a month, and ARCS test once a year up to Month 24.

**Cohort 3:** PwMS in Cohort 3 performed the FL MS Cognitive Test Q4W and all other FL MS tests Q2W, MSReactor tests, and Redenlab tests at least once a month, and ARCS test once a year up to Month 24.

All participants: PwMS in Cohorts 1, 2, and 3 performed the FL MS Cognitive Test QW, Q2W, and Q4W, respectively, and all other FL MS tests Q2W, MSReactor tests, and Redenlab tests at least once a month and ARCS test once a year up to Month 24

#### **Primary Outcome Measures**

### 1. Cross-sectional Correlation Between FL MS Cognitive Test vs. ARCS

**Timeframe:** Baseline, Month 12

Analysis Population Description: Full analysis set (FAS) included all participants who signed the informed consent form (ICF). MTS = Match Symbol; MTN = Match Number

Table 3 – Cross-sectional Correlation Between FL MS Cognitive Test Scores vs. ARCS Total Score and Binned ARCS

|                         |                                     | All participants |                    |  |
|-------------------------|-------------------------------------|------------------|--------------------|--|
|                         | Number of Participants<br>Analyzed: | 222              |                    |  |
|                         | Category                            | Point Estimate   | Lower and Upper CI |  |
| Baseline: MTS vs ARCS   | Number Analyzed:                    | 222 Participants |                    |  |
| Baseline: IVITS VS ARCS |                                     | 0.25             | 0.12 to 0.38       |  |
|                         |                                     |                  |                    |  |
| Baseline: MTS vs Binned | Number Analyzed:                    | 222 Participants |                    |  |
| ARCS                    |                                     | 0.24             | 0.10 to 0.36       |  |
|                         |                                     |                  |                    |  |
| Baseline: MTN vs ARCS   | Number Analyzed:                    | 222 Participants |                    |  |
| baseline. WITH VS ANCS  |                                     | 0.20             | 0.06 to 0.32       |  |

|                                 | Number Analyzed: | 222 Participants |               |  |
|---------------------------------|------------------|------------------|---------------|--|
| Baseline: MTN vs Binned<br>ARCS |                  | 0.17             | 0.03 to 0.30  |  |
|                                 |                  |                  |               |  |
|                                 | Number Analyzed: | 51 Part          | icipants      |  |
| Month 12: MTS vs ARCS           |                  | 0.27             | -0.01 to 0.52 |  |
|                                 |                  |                  |               |  |
|                                 | Number Analyzed: | 51 Part          | cicipants     |  |
| Month 12: MTS vs Binned<br>ARCS |                  | 0.23             | -0.05 to 0.48 |  |
|                                 |                  |                  |               |  |
|                                 | Number Analyzed: | 51 Participants  |               |  |
| Month 12: MTN vs ARCS           |                  | 0.23             | -0.06 to 0.48 |  |
|                                 |                  |                  |               |  |
| Month 12: MTN vs Binned         | Number Analyzed: | 51 Part          | icipants      |  |
| ARCS                            |                  | 0.20             | -0.09 to 0.46 |  |

# **Secondary Outcome Measures**

2. Longitudinal Correlation Between Change From Baseline to Month 12 on FL MS Cognitive Test vs. ARCS

**Timeframe:** Baseline up to Month 12

Analysis Population Description: FAS included all participants who signed the ICF.

Table 4 – Correlation Between Change From Baseline to Month 12 in FL MS Cognitive Test Scores vs. ARCS Total Score and Binned ARCS

|                    |                                     | All participants |                    |  |
|--------------------|-------------------------------------|------------------|--------------------|--|
|                    | Number of Participants<br>Analyzed: | 5                | 1                  |  |
|                    | Category                            | Point Estimate   | Lower and Upper CI |  |
|                    | Number Analyzed:                    | 51 Parti         | cipants            |  |
| MTS vs ARCS        |                                     | -0.11            | -0.38 to 0.18      |  |
|                    |                                     |                  |                    |  |
|                    | Number Analyzed:                    | 51 Parti         | cipants            |  |
| MTS vs Binned ARCS |                                     | -0.22            | -0.47 to 0.07      |  |
|                    |                                     |                  |                    |  |
|                    | Number Analyzed:                    | 51 Participants  |                    |  |
| MTN vs ARCS        |                                     | -0.05            | -0.33 to 0.24      |  |
|                    |                                     |                  |                    |  |

| MTN vs Binned ARCS   | Number Analyzed: | 51 Partio | cipants       |
|----------------------|------------------|-----------|---------------|
| WITH VS Billieu ARCS |                  | -0.15     | -0.42 to 0.14 |

# 3. Cross-sectional Correlation Between Composite Digital Cognition Outcome vs. ARCS

Timeframe: Baseline, Month 12

**Analysis Population Description:** Composite-score test population included all participants in the all-time-evaluable (ATE) population who were not in the composite-score build population. ATE population included all participants who belonged to both the BE population and M12E population. Due to the extreme limitation of sample size at Month 12, summaries for Month 12 were excluded for this outcome measure.

**Table 5** – Cross–sectional Correlation Between Composite Digital Cognitive Score vs. ARCS Total Score and Binned ARCS

|  |                                     | All                           | participants |
|--|-------------------------------------|-------------------------------|--------------|
|  | Number of Participants<br>Analyzed: | 12                            | 23           |
|  | Category                            | Point Estimate Lower and Uppe |              |
|  | Number Analyzed:                    | 123 Participants              |              |
| Baseline: Composite<br>Cognitive Score vs ARCS |                                     | -0.09 -0.27 to 0.0            |              |
|  |                                     |                               |              |
|  | Number Analyzed:                    | 123 Participants              |              |
|  |                                     | -0.07 -0.25 to 0.1            |              |

|  | Baseline: Composite Cognitive Score vs binned ARCS |  |  |
|--|--|--|--|
|--|--|--|--|

# 4. Longitudinal Correlation Between Change From Baseline to Month 12 in Composite Digital Cognition Outcome vs. ARCS

Timeframe: Baseline up to Month 12

**Analysis Population Description:** Composite-score test population included all participants in the ATE population who were not in the composite-score build population. ATE population included all participants who belonged to both the BE population and M12E population.

Table 6 – Correlation Between Change From Baseline to Month 12 in Composite Digital Cognitive Score vs. ARCS Total Score and Binned ARCS

|   |                                     | All participants                    |                    |
|---|-------------------------------------|-------------------------------------|--------------------|
|   | Number of Participants<br>Analyzed: |                                     | 14                 |
|   | Category                            | Point Estimate                      | Lower and Upper CI |
|   | Number Analyzed:                    | 14 Pa                               | articipants        |
| Composite Cognitive Score vs<br>ARCS        |                                     | 14 Participants -0.33 -0.74 to 0.26 |                    |
|   |                                     |                                     |                    |
|   | Number Analyzed:                    | 14 Pa                               | articipants        |
| Composite Cognitive Score vs<br>binned ARCS |                                     | -0.56                               | −0.85 to −0.03     |
|   |                                     |                                     |                    |

## 5. FL MS Cognitive Feature Differences at Month 6, Month 12, and Month 18

Timeframe: Months 6, 12 and 18

**Analysis Population Description**: FAS included all participants who signed the ICF. Overall number analyzed is the number of participants with data available for analysis at the specified time point.

Table 7 – Cognitive Feature Differences at Month 6, Month 12, and Month 18

|                 |                                  | Cohort 1  |              | Cohort 2  |              | Cohort 3            |               |                     |
|-----------------|----------------------------------|---|--------------|---|--------------|---------------------|---------------|---------------------|
|                 | Number of Participants Analyzed: | 35  Median Interquartile Range  35 Participants |              | 65  |              | 35                  |               |                     |
|                 | Category                         |   |              | Median Interquartile Range Median Interquartile Range |              | Interquartile Range | Median        | Interquartile Range |
| Month 6: MTN    | Number Analyzed:                 |   |              | 65 Participants                                       |              | 35 Participants     |               |                     |
| Wichen G. Willy |                                  | 0.50  | 0.00 to 1.00 | 1.00  | 0.00 to 1.00 | 0.00                | -1.00 to 1.00 |                     |
|                 |                                  |   |              |   |              |                     |               |                     |
| Month 12: MTN   | Number Analyzed                  | 14 F  | Participants | 33 Pa   | rticipants   | 18                  | Participants  |                     |
|                 |                                  | 1.00  | 0.00 to 2.00 | 1.00  | 0.00 to 1.50 | 0.75                | 0.00 to 1.00  |                     |
|                 |                                  |   |              |   |              |                     |               |                     |

|               | Number Analyzed: | 4 Participants    |               | 7 Participants  |               | 7 Participants  |               |
|---------------|------------------|-------------------|---------------|-----------------|---------------|-----------------|---------------|
| Month 18: MTN |                  | 2.25              | 0.75 to 3.25  | 1.00            | -0.50 to 3.00 | 0.50            | -0.50 to 1.50 |
|               |                  |                   |               |                 |               |                 |               |
|               | Number Analyzed: | 35 Participants   |               | 65 Pa           | rticipants    | 35 P            | Participants  |
| Month 6: MTS  |                  | 4.00              | 2.00 to 6.00  | 3.00            | 0.50 to 5.00  | 2.00            | 0.50 to 3.00  |
|               |                  |                   |               |                 |               |                 |               |
| Month 12: MTS | Number Analyzed: | 14 Participants   |               | 33 Participants |               | 18 Participants |               |
|               |                  | 5.00 3.00 to 7.50 |               | 4.00            | 2.50 to 5.50  | 3.50            | 2.00 to 5.50  |
|               |                  |                   |               |                 |               |                 |               |
|               | Number Analyzed: | 4 Participants    |               | 7 Participants  |               | 7 Participants  |               |
| Month 18: MTS |                  | 9.75              | 6.25 to 12.75 | 9.00            | 5.50 to 10.50 | 3.00            | 2.00 to 8.00  |
|               |                  |                   |               |                 |               |                 |               |

# 6. Cross-sectional Hand/Gait vs Expanded Disability Status Scale (EDSS) Assessed Using Spearman Rank-order Correlation

**Timeframe:** Baseline, Months 6, 12 and 18

**Analysis Population Description:** FAS included all participants who signed the ICF. Overall number analyzed is the number of participants with data available for analysis. Number analyzed is the number of participants with data available for analysis at the specified time point.

**Table 8** – Cross-sectional Hand/Gait vs EDSS

|                                     |                                     | All part         | ticipants          |
|-------------------------------------|-------------------------------------|------------------|--------------------|
|                                     | Number of Participants<br>Analyzed: | 224              |                    |
|                                     | Category                            | Point Estimate   | Lower and Upper CI |
|                                     | Number Analyzed:                    | 179 Par          | ticipants          |
| Baseline: Step Frequency<br>vs EDSS |                                     | -0.27            | -0.40 to −0.12     |
|                                     | Number Analyzed:                    | 179 Participants |                    |
| Baseline: Step power vs<br>EDSS     |                                     | -0.34            | -0.47 to -0.20     |
|                                     | Number Analyzed:                    | 179 Participants |                    |
| Baseline: Step Intensity vs<br>EDSS |                                     | -0.33            | -0.46 to -0.19     |
|                                     |                                     |                  |                    |
| Baseline: Median Turning            | Number Analyzed:                    | 181 Participants |                    |
| Angular Velocity vs EDSS            |                                     | -0.37            | -0.49 to -0.23     |

|  | Number Analyzed: | 223 Participants |                |
|--|------------------|------------------|----------------|
| Baseline: Number of Successful Pinches vs EDSS   |                  | -0.39            | -0.50 to -0.27 |
|  | Number Analyzed: | 224 P            | Participants   |
| Baseline: Average Celerity vs EDSS               |                  | -0.26            | -0.38 to -0.13 |
|  | Number Analyzed: | 44 Participants  |                |
| Month 6: Step Frequency vs EDSS                  |                  | -0.17            | -0.45 to 0.15  |
|  | Number Analyzed: | 44 Pa            | articipants    |
| Month 6: Step power vs EDSS                      |                  | -0.36            | -0.60 to -0.07 |
|  | Number Analyzed: | 44 Participants  |                |
| Month 6: Step Intensity vs<br>EDSS               |                  | -0.37            | -0.61 to -0.08 |
|  | Number Analyzed: | 41 Pa            | articipants    |
| Month 6: Median Turning Angular Velocity vs EDSS |                  | -0.32            | −0.58 to −0.00 |
|  |                  |                  |                |

|   | Number Analyzed: | 64 Participants                |                |
|---|------------------|--------------------------------|----------------|
| Month 6: Number of Successful Pinches vs EDSS     |                  | -0.26                          | -0.48 to -0.00 |
|   | Number Analyzed: | mber Analyzed: 65 Participants |                |
| Month 6: Average Celerity vs EDSS                 |                  | -0.22                          | -0.45 to 0.03  |
|   | Number Analyzed: | mber Analyzed: 23 Participants |                |
| Month 12: Step Frequency vs EDSS                  |                  | -0.14                          | -0.53 to 0.30  |
|   | Number Analyzed: | 23 Participants                |                |
| Month 12: Step power vs EDSS                      |                  | -0.37                          | -0.69 to 0.06  |
|   | Number Analyzed: | 23 Participants                |                |
| Month 12: Step Intensity vs EDSS                  |                  | -0.40                          | -0.70 to 0.03  |
| Number Analyzed: 22 F                             |                  | 22 Pa                          | rticipants     |
| Month 12: Median Turning Angular Velocity vs EDSS |                  | -0.36                          | -0.69 to 0.08  |
|   | Number Analyzed: | 30 Pa                          | rticipants     |

| Month 12: Number of Successful Pinches vs EDSS |                  | -0.29                 | -0.60 to 0.09   |
|--|------------------|-----------------------|---|
|  | Number Analyzed: | 31 Participants       |   |
| Month 12: Average<br>Celerity vs EDSS          |                  | 0.04                  | -0.33 to 0.40   |
|  | Number Analyzed: | 4 Part                | icipants  |
| Month 18: Step Frequency vs EDSS               |                  | 0.00                  | -0.97 to 0.97   |
|  | Number Analyzed: | 4 Participants        |   |
| Month 18: Step power vs<br>EDSS                |                  | 0.40                  | -0.92 to 0.98   |
|  | Number Analyzed: | 4 Participants        |   |
| Month 18: Step Intensity vs EDSS               |                  | -0.40                 | -0.98 to 0.92   |
|  | Number Analyzed: | 3 Participants        |   |
| Month 18: Median                               |                  | 1.00                  | NA to 1.00  |
| Turning Angular Velocity vs EDSS               |                  | could not be estimate | confidence interval (CI)<br>d due to an insufficient<br>participants. |

|  | Number Analyzed:                | 5 Participants |               |
|--|---------------------------------|----------------|---------------|
| Month 18: Number of Successful Pinches vs EDSS |                                 | -0.05          | -0.90 to 0.88 |
|  |                                 |                |               |
|  | Number Analyzed: 6 Participants |                | icipants      |
| Month 18: Average                              |                                 | 0.06           | -0.80 to 0.84 |
| Celerity vs EDSS                               |                                 |                |               |

#### 7. Correlation Between FL MS Digital Outcomes (Calculated from Baseline to Month 12) and Subsequent Changes in EDSS

This outcome measure could not be assessed due to data insufficiency.

### 8. In-app FL MS Post-appointment Questionnaire Assessed During Study Period

**Timeframe:** Baseline, Months 6 and 12

**Description:** Participants were asked to answer the following 5 questions: Question (Q) 1: Have you discussed your Floodlight MS data with your provider? Q2: From your point of view, do you find that using Floodlight MS helps you to be better informed about your disease status? Q3: Do you find that using Floodlight MS helps you to be better informed about your disease status? Q4: From your point of view, do you find that using Floodlight MS helps you to have a better conversation with your provider about your care? Q5: Would you recommend Floodlight MS to another person living with MS? Q1-Q4 were answered with Yes or No. Q5 was answered with one of the following options: "Definitely", "Possibly", "Probably" or "Probably not". Proportion of participants who answered the questions mentioned above has been reported.

Analysis Population Description: FAS included all participants who signed the ICF. Overall number analyzed is the number of participants with data available for analysis. Number analyzed is the number of participants with data available for analysis at the specified time point. No participants were analyzed at Month 18 and Month 24.

**Unit of Measurement:** proportion of participants

**Table 9** – Post-appointment Questionnaire: Answer Distributions

|                        |                                  | All participants           |
|------------------------|----------------------------------|----------------------------|
|                        | Number of Participants Analyzed: | 15                         |
|                        | Category                         | Proportion of participants |
| Q1 - Baseline: No      | Number Analyzed:                 | 3 Participants             |
| Q1 - Basellile. NO     |                                  | 1.00                       |
| Q1 - Baseline: Yes     | Number Analyzed:                 | 3 Participants             |
| Q1 - baseille, res     |                                  | 0.00                       |
| O1 Pasalina Missina    | Number Analyzed:                 | 3 Participants             |
| Q1 - Baseline: Missing |                                  | 0.00                       |
| Q1 - Month 6: No       | Number Analyzed:                 | 15 Participants            |
| Q1 - Month 6: No       |                                  | 0.67                       |
| Q1 - Month 6: Yes      | Number Analyzed:                 | 15 Participants            |
| Q1 - Month 6: Yes      |                                  | 0.33                       |
| O1 Month C. Missing    | Number Analyzed:                 | 15 Participants            |
| Q1 - Month 6: Missing  |                                  | 0.00                       |
| O1 Month 12: No        | Number Analyzed:                 | 12 Participants            |
| Q1 - Month 12: No      |                                  | 0.58                       |
| Q1 - Month 12: Yes     | Number Analyzed:                 | 12 Participants            |

|                        |                  | 0.42            |
|------------------------|------------------|-----------------|
| Od Marsh 12 Mississ    | Number Analyzed: | 12 Participants |
| Q1 - Month 12: Missing |                  | 0.00            |
| Q2 - Baseline: No      | Number Analyzed: | 3 Participants  |
| Q2 - Baseime. NO       |                  | 0.00            |
| O2 Pasalina Vas        | Number Analyzed: | 3 Participants  |
| Q2 - Baseline: Yes     |                  | 0.00            |
| O2 Pasalina Missina    | Number Analyzed: | 3 Participants  |
| Q2 – Baseline: Missing |                  | 1.00            |
| Q2 - Month 6: No       | Number Analyzed: | 15 Participants |
|                        |                  | 0.07            |
| O2 Month C. Voc        | Number Analyzed: | 15 Participants |
| Q2 - Month 6: Yes      |                  | 0.33            |
| O2 Month C. Missing    | Number Analyzed: | 15 Participants |
| Q2 – Month 6: Missing  |                  | 0.60            |
| 02. Marsh 42. Na       | Number Analyzed: | 12 Participants |
| Q2 - Month 12: No      |                  | 0.00            |
| 02 Manth 42: Vac       | Number Analyzed: | 12 Participants |
| Q2 - Month 12: Yes     |                  | 0.42            |

| Q2 – Month 12: Missing | Number Analyzed: | 12 Participants |
|------------------------|------------------|-----------------|
| Q2 - Month 12. Missing |                  | 0.58            |
| O2 Possilina No        | Number Analyzed: | 3 Participants  |
| Q3 - Baseline: No      |                  | 0.00            |
| O2 Paralias Vas        | Number Analyzed: | 3 Participants  |
| Q3 - Baseline: Yes     |                  | 0.00            |
| O2 Paralina Mississ    | Number Analyzed: | 3 Participants  |
| Q3 – Baseline: Missing |                  | 1.00            |
| O2 Month C. No         | Number Analyzed: | 15 Participants |
| Q3 - Month 6: No       |                  | 0.20            |
| O2 Manth C. Van        | Number Analyzed: | 15 Participants |
| Q3 - Month 6: Yes      |                  | 0.20            |
| O2 Month C. Missing    | Number Analyzed: | 15 Participants |
| Q3 – Month 6: Missing  |                  | 0.60            |
| 02 Marsh 42 Na         | Number Analyzed: | 12 Participants |
| Q3 - Month 12: No      |                  | 0.00            |
| 02 Manth 12 V          | Number Analyzed: | 12 Participants |
| Q3 - Month 12: Yes     |                  | 0.42            |
| Q3 – Month 12: Missing | Number Analyzed: | 12 Participants |

|                        |                  | 0.58            |
|------------------------|------------------|-----------------|
| OA Basslines No        | Number Analyzed: | 3 Participants  |
| Q4 - Baseline: No      |                  | 0.00            |
| O4 Pasalina Vas        | Number Analyzed: | 3 Participants  |
| Q4 - Baseline: Yes     |                  | 0.00            |
| O4 Pasalina Missing    | Number Analyzed: | 3 Participants  |
| Q4 – Baseline: Missing |                  | 1.00            |
| Q4 - Month 6: No       | Number Analyzed: | 15 Participants |
| Q4 - MONTH 6. NO       |                  | 0.07            |
| Q4 - Month 6: Yes      | Number Analyzed: | 15 Participants |
| Q4 - MONTH 6: Yes      |                  | 0.33            |
| O4 Month C. Missing    | Number Analyzed: | 15 Participants |
| Q4 – Month 6: Missing  |                  | 0.60            |
| O4 Month 12: No        | Number Analyzed: | 12 Participants |
| Q4 - Month 12: No      |                  | 0.08            |
| O4 Month 12: Voc       | Number Analyzed: | 12 Participants |
| Q4 - Month 12: Yes     |                  | 0.33            |
| O4 Month 12: Missing   | Number Analyzed: | 12 Participants |
| Q4 – Month 12: Missing |                  | 0.58            |

|                             | Number Analyzed: | 3 Participants  |
|-----------------------------|------------------|-----------------|
| Q5 – Baseline: Definitely   |                  | 0.00            |
| 05 0 1: 0 11                | Number Analyzed: | 3 Participants  |
| Q5 – Baseline: Possibly     |                  | 0.67            |
| OF Beatles Bakalıl          | Number Analyzed: | 3 Participants  |
| Q5 – Baseline: Probably     |                  | 0.00            |
| OF Beatles Bakalılı sal     | Number Analyzed: | 3 Participants  |
| Q5 – Baseline: Probably not |                  | 0.33            |
| Q5 – Month 6: Definitely    | Number Analyzed: | 15 Participants |
|                             |                  | 0.40            |
| OF Month C. Dossibly        | Number Analyzed: | 15 Participants |
| Q5 – Month 6: Possibly      |                  | 0.27            |
| OF Month & Brobably         | Number Analyzed: | 15 Participants |
| Q5 – Month 6: Probably      |                  | 0.27            |
| OF Month & Brobobly not     | Number Analyzed: | 15 Participants |
| Q5 – Month 6: Probably not  |                  | 0.07            |
| OF Month 13: Definitely     | Number Analyzed: | 12 Participants |
| Q5 – Month 12: Definitely   |                  | 0.50            |
| Q5 – Month 12: Possibly     | Number Analyzed: | 12 Participants |

|                             |                  | 0.33            |
|-----------------------------|------------------|-----------------|
| OF Month 12. Brokobli       | Number Analyzed: | 12 Participants |
| Q5 – Month 12: Probably     |                  | 0.08            |
| OF Month 12: Brobably not   | Number Analyzed: | 12 Participants |
| Q5 – Month 12: Probably not |                  | 0.08            |

### 9. FL MS Usability Score From mHealth Usability Questionnaire Assessed During Study Period

Timeframe: Baseline, Months 6, 12, 18 and 24

Analysis Population Description: FAS included all participants who signed the ICF. Proportion of participants who answered the question "The app was easy to use" have been reported here. Overall number analyzed is the number of participants with data available for analysis. Number analyzed is the number of participants with data available for analysis at the specified time point.

Unit of Measurement: proportion of participants

**Table 10** – mHealth Usability Questionnaire

|                             |                                  | All participants           |
|-----------------------------|----------------------------------|----------------------------|
|                             | Number of Participants Analyzed: | 95                         |
|                             | Category                         | Proportion of participants |
| Decelia e Charach Diecera   | Number Analyzed:                 | 6 Participants             |
| Baseline: Strongly Disagree |                                  | 0.00                       |
| Baseline: Disagree          | Number Analyzed:                 | 6 Participants             |

|                                      |                  | 0.00            |
|--------------------------------------|------------------|-----------------|
| Baseline: Somewhat Disagree          | Number Analyzed: | 6 Participants  |
|                                      |                  | 0.00            |
| Baseline: Neither Agree nor Disagree | Number Analyzed: | 6 Participants  |
|                                      |                  | 0.00            |
| Baseline: Somewhat Agree             | Number Analyzed: | 6 Participants  |
|                                      |                  | 0.00            |
| Baseline: Agree                      | Number Analyzed: | 6 Participants  |
|                                      |                  | 0.33            |
| Docalina, Strongly Agree             | Number Analyzed: | 6 Participants  |
| Baseline: Strongly Agree             |                  | 0.67            |
|                                      | Number Analyzed: | 40 Participants |
| Month 6: Strongly Disagree           |                  | 0.00            |
| Month 6: Disagree                    | Number Analyzed: | 40 Participants |
|                                      |                  | 0.00            |
| Month 6: Somewhat Disagree           | Number Analyzed: | 40 Participants |
|                                      |                  | 0.10            |
| Month 6: Neither Agree nor Disagree  | Number Analyzed: | 40 Participants |
|                                      |                  | 0.07            |

| Month 6: Somewhat Agree              | Number Analyzed: | 40 Participants |
|--------------------------------------|------------------|-----------------|
|                                      |                  | 0.07            |
| Month 6: Agree                       | Number Analyzed: | 40 Participants |
|                                      |                  | 0.17            |
| Month 6: Strongly Agree              | Number Analyzed: | 40 Participants |
|                                      |                  | 0.58            |
| Month 12: Strongly Disagree          | Number Analyzed: | 95 Participants |
|                                      |                  | 0.01            |
| Month 12: Disagree                   | Number Analyzed: | 95 Participants |
| Month 12. Disagree                   |                  | 0.01            |
| Month 12: Somewhat Disagree          | Number Analyzed: | 95 Participants |
|                                      |                  | 0.03            |
| Month 12: Neither Agree nor Disagree | Number Analyzed: | 95 Participants |
|                                      |                  | 0.01            |
| Marsh 42 Corres had Arres            | Number Analyzed: | 95 Participants |
| Month 12: Somewhat Agree             |                  | 0.08            |
| Month 12: Agree                      | Number Analyzed: | 95 Participants |
|                                      |                  | 0.23            |
| Month 12: Strongly Agree             | Number Analyzed: | 95 Participants |

|                                      |                  | 0.62            |
|--------------------------------------|------------------|-----------------|
| Month 18: Strongly Disagree          | Number Analyzed: | 32 Participants |
|                                      |                  | 0.00            |
| Month 18: Disagree                   | Number Analyzed: | 32 Participants |
|                                      |                  | 0.00            |
| Month 18: Somewhat Disagree          | Number Analyzed: | 32 Participants |
|                                      |                  | 0.03            |
| Month 18: Neither Agree nor Disagree | Number Analyzed: | 32 Participants |
|                                      |                  | 0.03            |
| Month 18: Somewhat Agree             | Number Analyzed: | 32 Participants |
|                                      |                  | 0.19            |
| 14 H 10 A                            | Number Analyzed: | 32 Participants |
| Month 18: Agree                      |                  | 0.38            |
| Month 18: Strongly Agree             | Number Analyzed: | 32 Participants |
|                                      |                  | 0.38            |
| Month 24: Strongly Disagree          | Number Analyzed: | 11 Participants |
|                                      |                  | 0.00            |
| Month 24: Disagree                   | Number Analyzed: | 11 Participants |
|                                      |                  | 0.00            |

| Month 24: Somewhat Disagree            | Number Analyzed: | 11 Participants |
|--|------------------|-----------------|
|  |                  | 0.00            |
| Month 24: Neither Agree nor Disagree — | Number Analyzed: | 11 Participants |
|  |                  | 0.00            |
| Month 24: Somewhat Agree               | Number Analyzed: | 11 Participants |
|  |                  | 0.00            |
| Month 24: Agree                        | Number Analyzed: | 11 Participants |
|  |                  | 0.36            |
| Month 24: Strongly Agree               | Number Analyzed: | 11 Participants |
|  |                  | 0.64            |

# 10. Association Between FL MS Digital Outcome and Clinical Relapses

This outcome measure could not be assessed due to data insufficiency.

# **Adverse Events**

No adverse event data related to any of the assessments presented in the analyses were collected.