

**Table 58: Summary of Flushing Episode Duration, MFSS**

Biogen ASSURE 109MS406 (Interim)

Page 1 of 5

## Summary of flushing episode duration, MFSS

|  | ASA placebo BID<br>(N=81) | ASA 75 mg QAM<br>(N=80) | ASA 150 mg BID<br>(N=80) |
|--|---------------------------|-------------------------|--------------------------|
| Number of Subjects Randomized              | 81                        | 80                      | 80                       |
| Weeks 1 - 4 Combined                       |                           |                         |                          |
| Number of Subjects evaluable               | 73 (90.1%)                | 75 (93.8%)              | 77 (96.3%)               |
| Duration of side effect episode (hours)[1] |                           |                         |                          |
| N  | 73                        | 75                      | 77                       |
| Mean                                       | 0.69                      | 0.8                     | 1.11                     |
| SD   | 0.44                      | 0.59                    | 1.16                     |
| Median                                     | 0.65                      | 0.66                    | 0.83                     |
| Min, Max                                   | 0.05, 2.08                | 0.04, 3.17              | 0.03, 6.1                |
| Mean Difference (95% CI)*                  |                           | -0.145 (-0.414, 0.125)  | -0.392 (-0.656, -0.128)  |
| Mean Difference (95% CI)*                  |                           |                         | -0.247 (-0.507, 0.012)   |
| Weeks 5 - 8 Combined                       |                           |                         |                          |
| Number of Subjects evaluable               | 57 (70.4%)                | 58 (72.5%)              | 59 (73.8%)               |
| Duration of side effect episode (hours)[1] |                           |                         |                          |
| N  | 57                        | 58                      | 59                       |
| Mean                                       | 1.06                      | 0.73                    | 1.08                     |
| SD   | 2.12                      | 0.52                    | 1.18                     |
| Median                                     | 0.57                      | 0.63                    | 0.77                     |
| Min, Max                                   | 0.03, 12.5                | 0.03, 2.73              | 0, 6.36                  |
| Mean Difference (95% CI)*                  |                           | 0.376 (-0.193, 0.945)   | 0.069 (-0.498, 0.635)    |
| Mean Difference (95% CI)*                  |                           |                         | -0.308 (-0.867, 0.251)   |
| Weeks 9 - 12 Combined                      |                           |                         |                          |
| Number of Subjects evaluable               | 45 (55.6%)                | 45 (56.3%)              | 51 (63.8%)               |
| Duration of side effect episode (hours)[1] |                           |                         |                          |
| N  | 45                        | 45                      | 51                       |
| Mean                                       | 0.66                      | 0.69                    | 0.79                     |
| SD   | 0.52                      | 0.59                    | 0.94                     |
| Median                                     | 0.57                      | 0.6                     | 0.6                      |
| Min, Max                                   | 0, 2.27                   | 0.09, 3.78              | 0.05, 6.49               |
| Mean Difference (95% CI)*                  |                           | 0.024 (-0.308, 0.355)   | -0.06 (-0.374, 0.254)    |
| Mean Difference (95% CI)*                  |                           |                         | -0.084 (-0.4, 0.232)     |

[1] For subjects with more than 1 flushing event during a visit interval, the average duration for the visit interval were used.

\*: Analysis of variance model (ANCOVA) model was used with treatment, center as effects and baseline characteristics.

Baseline characteristics included: age, sex, alcohol consumption (Yes or No) and Tobacco use (Yes or No).

Program File: c:\SPONSORS\Biogen\BG12\P4\109MS406\PROGRAM\T14319.SAS

Output Date: 28SEP15