# Erratum

# Dopaminergic Effect on Non-Motor Symptoms in Late Stage Parkinson's Disease

Kristina Rosqvist, Per Odin, Peter Hagell, Susanne Iwarsson, Maria H. Nilsson, and Alexander Storch

[Journal of Parkinson's Disease 8(3), 2018, 409–420. DOI 10.3233/JPD-181380]
https://content.iospress.com/articles/journal-of-parkinsons-disease/jpd181380

On page 415, in Table 3, there is a typo. In the column vertical 'D6: Gastrointestinal', horizontal 'NMSS Score in "On" state':

The numbers given are incorrectly: 12.0 (4.0–20.0).
The correct numbers are: 6.0 (2.7–12.0).

Below find the corrected version of Table 3:

Table 3
Non-Motor Symptoms in "off" and "on" states during L-dopa test as assessed with the modified NMSS (N = 30)

| NMSS, item, domain | "Off" state | | "On" state | | Difference* | |
|---|---|---|---|---|---|---|
| | Number of pts with symptom present, n (%) | NMSS score (median, q1–q3) | Number of pts with symptom present, n (%) | NMSS score (median, q1–q3) | P-Value | Number of pts with NMSS$_{Off}$ > NMSS$_{On}$, n (%) |
| 1. Light headedness | 14 (47%) | 0.0 (0.0–4.5) | 12 (40%) | 0.0 (0.0–4.0) | 0.516 | 4 (13%) |
| D1: Cardiovascular | 14 (47%) | 0.0 (0.0–4.5) | 12 (40%) | 0.0 (0.0–4.0) | 0.516 | 4 (13%) |
| 3. Daytime sleepiness | 19 (63%) | 3.0 (0.0–6.0) | 19 (63%) | 3.0 (0.0–6.0) | 0.125 | 5 (17%) |
| 4. Fatigue | 22 (73%) | 3.5 (0.0–8.0) | 20 (67%) | 2.5 (0.0–6.5) | **0.017** | 11 (37%) |
| 5. Difficulty falling asleep | 9 (30%) | 0.0 (0.0–3.3) | 8 (27%) | 0.0 (0.0–2.3) | 0.125 | 4 (13%) |
| 6. Restless legs | 16 (53%) | 1.0 (0.0–4.5) | 14 (47%) | 0.5 (0.0–4.0) | 0.406 | 5 (17%) |
| D2: Sleep/fatigue | 30 (100%) | 10.0 (6.0–18.3) | 28 (93%) | 8.0 (5.5–14.0) | **0.003** | 15 (59%) |
| 7. Lost interest in surrounding | 15 (50%) | 0.5 (0.0–6.0) | 14 (47%) | 0.0 (0.0–4.0) | 0.086 | 7 (23%) |
| 8. Lack motivation | 20 (67%) | 3.5 (0.0–9.0) | 20 (67%) | 2.5 (0.0–8.0) | 0.148 | 6 (20%) |
| 9. Feel nervous | 11 (37%) | 0.0 (0.0–4.5) | 9 (30%) | 0.0 (0.0–4.0) | **0.008** | 8 (27%) |
| 10. Seem sad | 19 (63%) | 2.0 (0.0–6.0) | 16 (53%) | 2.0 (0.0–4.5) | **0.037** | 9 (30%) |
| 11. Flat moods | 24 (80%) | 4.0 (1.0–6.0) | 19 (63%) | 3.0 (0.0–6.0) | **0.003** | 15 (50%) |
| 12. Difficulty experiencing pleasure | 15 (50%) | 0.5 (0.0–4.5) | 13 (43%) | 0.0 (0.0–4.0) | **0.007** | 10 (33%) |
| D3: Mood/apathy | 27 (90%) | 14.0 (6.0–38.3) | 25 (83%) | 13.0 (4.0–26.3) | **<0.001** | 21 (70%) |
| 16. Concentration | 20 (67%) | 2.0 (0.0–6.0) | 16 (53%) | 1.0 (0.0–4.0) | **0.006** | 9 (30%) |
| 17. Forget things or events | 21 (70%) | 3.0 (0.0–6.0) | 22 (73%) | 2.0 (0.0–4.0) | 0.078 | 10 (33%) |
| 18. Forget to do things | 19 (63%) | 2.5 (0.0–6.0) | 16 (53%) | 1.0 (0.0–4.5) | 0.232 | 8 (27%) |
| D5: Attention/memory | 28 (93%) | 10.0 (2.0–16.5) | 28 (93%) | 6.0 (2.0–11.0) | **0.006** | 15 (50%) |
| 19. Saliva | 23 (77%) | 4.0 (1.5–9.0) | 22 (73%) | 4.0 (0.0–9.0) | 0.359 | 6 (20%) |
| 20. Swallowing | 14 (47%) | 0.0 (0.0–6.0) | 14 (47%) | 0.0 (0.0–4.0) | **0.031** | 6 (20%) |

*(Continued)*

Table 3
*(Continued)*

| NMSS, item, domain | "Off" state | | "On" state | | Difference* | |
|---|---|---|---|---|---|---|
| | Number of pts with symptom present, n (%) | NMSS score (median, q1–q3) | Number of pts with symptom present, n (%) | NMSS score (median, q1–q3) | $P$-Value | Number of pts with NMSS$_{Off}$ > NMSS$_{On}$, n (%) |
| D6: Gastrointestinal | 28 (93%) | 8.0 (4.0–12.0) | 27 (90%) | 6.0 (2.7–12.0) | **0.009** | 12 (40%) |
| 22. Urgency | 22 (73%) | 5.0 (0.0–12.0) | 19 (63%) | 4.0 (0.0–12.0) | **0.031** | 6 (20%) |
| 23. Frequency | 18 (60%) | 4.0 (0.0–12.0) | 17 (57%) | 3.0 (0.0–12.0) | 0.500 | 5 (17%) |
| 24. Nocturia | 24 (80%) | 8.0 (2.0–12.0) | 24 (80%) | 5.0 (1.8–12.0) | 0.063 | 5 (17%) |
| D7: Urinary | 27 (90%) | 15.0 (4.0–33.8) | 26 (87%) | 13.0 (4.0–29.3) | **0.004** | 9 (30%) |
| 25. Interest in sex | 6 (20%) | 0.0 (0–0.0) | 6 (20%) | 0.0 (0.0–0.0) | 1.000 | 0 (0%) |
| 26. Problems having sex | 15 (50%) | 4.0 (0.0–12.0) | 15 (50%) | 4.0 (0.0–12.0) | 1.000 | 0 (0%) |
| D8: Sexual dysfunction | 16 (53%) | 10.0 (0.0–12.0) | 16 (53%) | 10.0 (0.0–12.0) | 1.000 | 0 (0%) |
| 27. Pain | 15 (50%) | 0.5 (0.0–8.0) | 15 (50%) | 0.5 (0.0–6.5) | 0.766 | 4 (13%) |
| 30. Excessive sweating | 8 (27%) | 0.0 (0.0–1.0) | 5 (17%) | 0.0 (0.0–0.0) | 0.188 | 5 (17%) |
| D9: Miscellaneous | 19 (63%) | 3.0 (0.0–8.0) | 18 (60%) | 2.5 (0.0–7.3) | 0.559 | 5 (17%) |
| NMSS total score | 30 (100%) | 79.0 (47.8–115.3) | 30 (100%) | 63.5 (44.8–96.3) | **<0.001** | 21 (70%) |

NMSS, Non-Motor Symptoms Scale (modified; 0–276, higher = worse); q1–q3, first and third quartiles; D, domain; Pts, patients. Symptom present = score $\geq 1$ on each item/domain. NMSS score = severity × frequency. *Differences between defined "off" and "on" states; number of patients who reported worse symptoms in the "off" than in the "on" state. $P$-values are from Wilcoxon sign-rank test for the comparisons of NMSS score between the defined "off" and "on" states. $P$-values were not adjusted for multiple testing. Bold $P$-values are statistically significant at $P < 0.05$.