Potential impact of self-perceived prodromal symptoms on the early diagnosis of Parkinson’s disease

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Online Resource 2: Supplementary table 2
# Supplementary table 2. Findings in PD patients with normal echogenic and hyperechogenic substantia nigra.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Substantia nigra hyperechogenicity</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Absent (n = 6)</td>
<td>Present (n = 109)</td>
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</tbody>
</table>
| Gender, F/M                                  | 0/6                                | 41/68  | 0.07  
| Age, mean ± SD                               | 62.3 ± 9.2                        | 63.3 ± 8.6 | 0.82  
| Age at PD onset, mean ± SD                   | 56.5 ± 11.9                       | 55.9 ± 8.6 | 0.90  
| PD duration, mean ± SD                       | 6.1 ± 4.5                         | 7.7 ± 5.7 | 0.44  
| PD motor subtype, AR/MT/TD                   | 1/5/0                             | 44/56/9 | >0.2  
| Hoehn & Yahr stage                           | 2.7 ± 0.5                         | 2.5 ± 0.6 | 0.52  
| UPDRS-III score, off-medication              | 35.0 ± 5.3                        | 31.8 ± 11.8 | 0.44  
| BDI score, range 0-63                        | 6.5 ± 3.1                         | 6.3 ± 4.7 | 0.67  
| U-UDI score, range 0-4                       | 1.1 ± 0.7                         | 1.2 ± 1.0 | 0.92  
| SS-12 score, range 0-12                      | 6.2 ± 1.9                         | 6.4 ± 2.6 | 0.98  
| mNMS score, range 0-15                       | 6.0 ± 2.4                         | 5.6 ± 2.7 | 0.70  
| mNMS score, prediagnostic d                   | 2.0 ± 3.0                         | 1.6 ± 1.6 | 0.88  
| Malignant melanoma                           | 0                                 | 3       | 0.85  
| Non-smoker (since >15y), Y/N                 | 4/2                               | 96/13  | 0.18  
| First-degree relative with PD                | 0                                 | 3       | 0.85  |

Abbreviations: AR, akinetic-rigid; BDI, Beck Depression Inventory; mNMS, modified non-motor symptom score; MT, mixed-type; UPDRS-III, Unified Parkinson’s Disease Rating Scale, motor part; SS-12, 12-item Sniffin’ Sticks test; TD, tremor-dominant; U-UDI, Urge-Urinary Distress Inventory

* Fisher’s exact test  
* t-test  
* Mann-Whitney U test  

dNon-motor symptoms with reported onset at 6 months or longer prior to the diagnosis of PD