

Supplementary Material

Changes in Principal Caregiver Mood Affects the Mood of the Parkinson's Disease Patient: The Vicious Cycle of Illness.

Supplementary Table 1. Sociodemographic and PD related variables in PD patients and their caregivers (N=192).

PD patients at baseline	
Age	63.96 ± 8.74 (35 – 75)
Males (%)	63
Disease duration (y)	5.54 ± 3.83 (0 – 22)
L-dopa eq. daily dose (mg)	616.68 ± 441.12 (0 – 2,220)
Hoehn & Yahr	2 [2, 2]
UPDRS-III	22.16 ± 10.83 (2 – 54)
UPDRS-IV	2.24 ± 2.58 (0 – 13)
FOGQ	4.33 ± 5.09 (0 – 21)
PD-CRS	90.05 ± 15.28 (48 – 126)
NMSS	45.35 ± 36.16 (0 – 193)
BDI-II	8.44 ± 7.46 (0 – 37)
NPI	5.98 ± 7.57 (0 – 45)
QUIP-RS	4.41 ± 8.01 (0 – 46)
PDSS	118.53 ± 19.89 (53 – 150)
VAS-PAIN	2.52 ± 2.92 (0 – 10)
VASF – physical	3.07 ± 2.85 (0 – 10)
VASF – mental	2.14 ± 2.57 (0 – 10)
ADLS	86.09 ± 11.97 (40 – 100)
PDQ-39SI	16.82 ± 13.31 (0 – 67.3)
EUROHIS-QOL8	3.76 ± 0.53 (2.25 – 5)
Caregiver at baseline	
Age	58.82 ± 11.71 (21 – 80)
Males (%)	30.7
Relationship (%):	
Spouse	83.9
Son or daughter	10.9
Other	5.2
Civil status (%):	
Married	86.5
Single	8.3
Divorced	0.5
Widower	2.6
Other	2.1
Habitat (%):	
Rural	15.1

Semiurban	20.3
Urban	63.6
Education (%):	
Primary education or no formal education	42.2
Secondary education	33.3
University	23.5
Work activity (%):	18.9
Employed out of working	32.6
Employed working	47.9
Pensioner / retiree	
Time as a caregiver (%):	13.5
<1 y	36.5
1–5 y	23
>5, <10 y	26
≥10 y	91.7
Living with the patient (%)	22.4
Full time care (%)	35.4
Care of others (%)	13.2 ± 11.31 (0 – 58)
ZCBI	1.89 ± 2.17 (0 – 9)
CSI	6.89 ± 7.81 (0 – 63)
BDI-II	3.9 ± 0.55 (1 - 5)
EUROHIS-QOL8	

The results represent percentages, mean ± SD or median [p25, p75]. Data about H&Y and UPDRS-III are during the OFF state (first hour in the morning without taking medication in the previous 12 hours). ADLS, Schwab and England Activities of daily living Scale); BDI, Beck Depression Inventory-II; CSI, Caregiver Strain Index; EUROHIS-QOL8, EUROHIS-QOL 8-item index; FOG, Freezing of Gait Questionnaire; NMSS, Non-Motor Symptoms Scale; NPI, Neuropsychiatric Inventory; PD, Parkinson's disease; PD-CRS, Parkinson's Disease Cognitive Rating Scale; PDQ-39SI, the 39-item Parkinson's disease Questionnaire Summary Index; PDSS, Parkinson's Disease Sleep Scale; QUIP-RS, Questionnaire for Impulsive-Compulsive Disorders in Parkinson's Disease-Rating Scale; UPDRS, Unified Parkinson's Disease Rating Scale; VAFS, Visual Analog Fatigue Scale; VAS-Pain, Visual Analog Scale-Pain; VH, visual hallucinations; ZCBI, Zarit Caregiver Burden Inventory.

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