

Supplementary data to ‘Discussing sexuality with Parkinson’s disease patients: a multinational survey among neurologists’

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Supplementary table 1 Frequency of patients and partners expressing sexual problems spontaneously (n=280 and n=192 respectively)

	Germany		Spain		The Netherlands	
	Patient	Partner	Patient	Partner	Patient	Partner
Never/almost never (%)	42.5	54.4	34.4	28.1	47.7	n/a ^a
In less than half of the cases (%)	55.0	41.9	50.0	53.1	43.2	n/a ^a
In half of the cases (%)	4.0	3.1	6.3	12.5	8.0	n/a ^a
In more than half of the cases (%)	0	0.6	6.3	3.1	1.1	n/a ^a
Almost always/always (%)	0	0	3.1	3.1	0	n/a ^a

^aThis question was not included in the Dutch survey

Supplementary table 2 Frequency of inviting the patients' partner along when discussing sexuality (n=192)

	Germany	Spain	The Netherlands
Never/almost never (%)	51.9	12.5	n/a ^a
In less than half of the cases (%)	31.3	43.8	n/a ^a
In half of the cases (%)	7.5	6.3	n/a ^a
In more than half of the cases (%)	6.3	25.0	n/a ^a
Almost always/always (%)	3.1	12.5	n/a ^a

^aThis question was not included in the Dutch survey

Supplementary table 3 Level of importance assigned to sexual dysfunction in PD (n=278)

	Germany	Spain	The Netherlands
Unimportant (%)	4.4	0	1.1
Slightly important (%)	23.4	3.1	37.5
Important (%)	54.4	65.6	47.7
Very important (%)	13.9	31.3	11.4
Indecisive (%)	3.8	0	2.3

Supplementary table 4 Extent to which questionnaires are used to assess non-motor manifestations, including sexual dysfunction, in PD

patients (n=280)

	Germany	Spain	The Netherlands
Never/almost never (%)	73.8	37.5	47.7
In less than half of the cases (%)	13.1	37.5	26.1
In half of the cases (%)	4.4	9.4	10.2
In more than half of the cases (%)	4.4	12.5	12.5
Almost always/always (%)	4.4	3.1	3.4

Supplementary table 5 Is sexuality included in training programs of neurology residents? (n=175)

	Germany	Spain	The Netherlands
Yes (%)	53.8	9.4	n/a ^a
No (%)	46.2	90.6	n/a ^a

^a This question was not included in the Dutch survey

Supplementary table 6 Do neurologists feel competent to discuss sexuality with their PD patients? (n=190)

	Germany	Spain	The Netherlands
Yes (%)	87.3	62.5	n/a ^a
No (%)	12.7	37.5	n/a ^a

^aThis question was not included in the Dutch survey

Supplementary table 7 Are neurologists in need of extending their knowledge on discussing sexuality? (n=279)

	Germany	Spain	The Netherlands
Yes (%)	70.4	96.9	56.8
No (%)	29.6	3.1	43.2

Supplementary table 8 Level of knowledge on sexual dysfunction and its treatment (n=278)

	Germany	Spain	The Netherlands
No knowledge at all (%)	0.6	0	2.3
Insufficient knowledge (%)	12.0	31.3	22.7
Some knowledge (%)	43.0	43.8	63.6
Sufficient knowledge (%)	39.9	25.0	10.2
A lot of knowledge (%)	4.4	0	1.1

Supplementary table 9 Are neurologists aware of the existence of the National Clinical Guideline for Diagnosis and Management of Parkinson's Disease (NCGDMPD) and the chapter on sexual dysfunction in it?

	Germany		Spain		The Netherlands	
	Yes (%)	No (%)	Yes (%)	No (%)	Yes (%)	No (%)
Aware of the NCGDMPD guideline ^a	15.1	84.9	87.5	12.5	n/a ^b	n/a ^b
Aware of the chapter on SD ^a	15.8	84.2	51.6	48.4	n/a ^b	n/a ^b

^a N differs because questions were skipped or forgotten

^b This questions was not included in the Dutch survey

Supplementary table 10 Frequency of using the NCGDMPD guideline's chapter on SD (n=183)

	Germany	Spain	The Netherlands
Never/almost never (%)	68.2	34.4	n/a ^a
In less than half of the cases (%)	11.9	12.5	n/a ^a
In half of the cases (%)	2.6	0	n/a ^a
In more than half of the cases (%)	0.7	12.5	n/a ^a
Almost always/always (%)	0.7	12.5	n/a ^a
Not aware of the existence of this chapter (%)	15.9	28.1	n/a ^a

^aThis question was not included in the Dutch survey

Supplementary table 11 Are there protocols at participants' department/centre making it obligatory to discuss sexuality? (n=189)

	Germany	Spain	The Netherlands
Yes (%)	3.2	3.1	n/a ^a
No (%)	96.2	81.3	n/a ^a
Unaware (%)	0.6	15.6	n/a ^a

^aThis question was not included in the Dutch survey

Supplementary table 12 Are there clear agreements made within participants' department regarding which care provider is responsible for discussing sexuality? (n=188)

	Germany	Spain	The Netherlands
Yes ^a (%)	16.5	6.7	n/a ^b
No (%)	82.3	70.0	n/a ^b
Unaware (%)	1.3	23.3	n/a ^b

^a In case of 'Yes', most neurologists mentioned 'the treating physician' (n=23)

^b This question was not included in the Dutch survey

Supplementary table 13 Is referral of patients experiencing sexual problems to other care providers in your clinic possible? (n=280)

	Germany	Spain	The Netherlands
Yes ^a (%)	29.6	71.9	77.3
No (%)	66.4	15.6	20.5
Unaware (%)	3.9	2.3	2.3

^a In case of 'Yes', neurologists mentioned 'urologist' (n=67), 'gynaecologist' (n=15), 'sexologist' (n=15) and 'psychologist' (n=13)

^b This question was not included in the Dutch survey

Supplementary table 14 Percentage of PD patients referred to another care provider for sexual complaints over the last year (n=249)

	Germany	Spain	The Netherlands
Mean percentage (standard deviation)	6.5 (14.0)	10.2 (8.6)	6.2 (9.6)

Supplementary table 15 Facilities that may improve the discussion of sexuality (n=191)

	Germany	Spain	The Netherlands
Brochures on sexuality to hand over to patients ^a (%)	78.6	75.0	n/a ^c
Online applications or paper questionnaires ^a (%)	32.7	25.0	n/a ^c
Training on how to discuss sexuality ^a (%)	32.7	71.9	n/a ^c
Posters in the waiting room ^a (%)	11.9	12.5	n/a ^c
A list of care providers to whom patients with SD can be referred ^a (%)	49.1	50.0	n/a ^c
Implementation of an education course on SD in training program of neurology residents ^a (%)	47.2	59.4	n/a ^c
Other ^{a, b} (%)	10.1	3.1	n/a ^c

^a Exceeds 100% because multiple answers were possible

^b In case of 'Other', neurologists mentioned 'more consultation time' (n=5)

^c This question was not included in the Dutch survey