

Supplemental Table 1. Clinical characteristics of patients with motor functional neurological disorders.

FND Subject	Age	Gender	Educ. (years)	FND Subtype	Symptom Description	Current Psychiatric Diagnoses	Past Psychiatric Diagnoses	Psychotropic Medications
1	60	M	18	PNES, FW	Episodes of behavioral arrest with altered consciousness, left arm and leg weakness	Anxiety NOS	MDD, LSD and Opiate Abuse	GBP, MIR
2	55	F	12	FMD, FW*	Right arm tremor, right leg weakness	MDD, PD_Ag+	MDD, Alcohol and Cocaine Abuse	SERT, TZD
3	55	F	16	FMD*	Abnormal gait	GAD, Undiff Somatoform	-	ZLP, ECP, GBP
4	49	M	14	FW	Left arm and leg weakness	Depression NOS**, Anxiety NOS**	-	-
5	36	F	12	FMD, FW	Right arm tremor, left facial weakness	Dysthymia, PD_Ag-, GAD, Undiff Somatoform	MDD	DLX, TZD
6	36	M	16	FMD*	Head and bilateral limb tremor	-	-	-
7	26	F	15	PNES	Episodes of behavioral arrest with altered consciousness	BPAD II, PD_Ag+, OCD, PTSD	-	GBP, CLP, LRZ, NRT
8	42	F	18	FW*	Right hand weakness	MDD, PD_Ag-, GAD, Somatoform Pain	Opiate Abuse	CLP, DVX
9	44	F	18	FMD	Abnormal gait	-	Eating Disorder NOS	DLX
10	31	F	15	FW [†]	Right arm and leg weakness	PTSD, OCD, Ag	MDD	-

11	50	F	14	FMD, FW*†	Abnormal gait, head and bilateral arm tremors, right leg weakness	PD	-	DLX, CLP, GBP, BSP
12	51	F	14	FMD*	Head and four limb tremor, neck dystonia	-	MDD	-
13	49	F	14	FMD, FW*	Left facial weakness, head tremor, abnormal gait	MDD, Undiff Somatoform	PTSD	DOX
14	26	F	16	FMD, PNES*	Head and bilateral arm tremor, abnormal gait, motor seizures	MDD, PD_Ag+, GAD, Undiff Somatoform	-	CLP, VEN
15	30	F	14	FW†	Four limb weakness	MDD, PD_Ag+, PTSD, GAD, Somatization Disorder	MDD	APZ, CLP, PGN, FLX, DZP
16	23	F	18	PNES, FW†	Right arm weakness, atonic seizures	Depression NOS, Social Phobia, Alcohol Abuse	-	-
17	22	M	14	FW†	Left arm and leg weakness	Depression NOS, PD_Ag-	-	-
18	28	M	14	PNES	Episodes of behavioral arrest with altered consciousness, Motor seizures	Ag	Depression NOS, Social Phobia	CLP
19	20	F	14	PNES	Motor seizures	PD_Ag+, Social Phobia, Specific Phobia, GAD	Depression NOS	SERT
20	50	F	12	PNES	Motor seizures	Depression NOS,	Depression NOS,	ATP, CLP,

						PD_Ag-, PTSD	Eating Disorder NOS, Alcohol and Cocaine Abuse	VPA
21	27	F	18	PNES	Motor seizures	PD_Ag+	MDD	CLN
22	45	M	14	FMD*	Head and bilateral leg tremor, abnormal gait	MDD	PD_Ag-	THP, VPA, BUP, TZD, ROP, LTG
23	50	M	18	FW	Paroxysmal leg weakness	-	PTSD	CZP
24	38	F	18	FMD, FW*	Abnormal gait, right arm and leg weakness	PD_Ag-	-	BUP, DXAM/APM
25	38	F	10	FMD [†]	Paroxysmal abnormal truncal and head movements	Undiff Somatoform	-	-
26	22	F	12	PNES [†]	Motor seizures	PTSD, GAD, Ag	MDD, Social Phobia, OCD	VEN, FLX, DZP
27	42	F	18	FMD	Right arm and head tremor, dystonia (bilateral feet)	Somatoform Pain Disorder	MDD	SERT, DZP, GBP
28	38	F	16	FMD, PNES*	Paroxysmal dystonia (bilateral feet), four limb tremors, motor seizures	PD_Ag-, Social Phobia, OCD, PTSD, Somatization Disorder	MDD	CLP, LRZ, MIR, SERT, PGN, LTG
29	49	M	13	FW* [†]	Right wrist weakness	PD_Ag-, GAD	MDD	FLX, GBP, DXAM/APM
30	50	F	14	FMD, PNES	Head and bilateral arm tremor, motor seizures	MDD, PD_Ag+, PTSD, GAD, Eating Disorder NOS	Alcohol, Cocaine, Opiate and Stimulants Abuse	FLX, ZLP, LRZ

31	31	M	14	PNES	Episodes of behavioral arrest with altered consciousness	PD_Ag-, PTSD	MDD, Alcohol Abuse	DLX, NRT, PZN
32	39	F	16	FW* [†]	Four limb weakness	PTSD, GAD, Somatization Disorder	MDD	CLN
33	35	F	12	PNES	Motor seizures	-	MDD	TPM, TZD
34	54	F	18	FMD	Head tremor	Dysthymia, GAD	Anorexia, PD_Ag+, Social Phobia	FLX, CLP, TZD, LXAM
35	51	M	14	FMD, FW [†]	Paroxysmal full body tremor, right arm and bilateral leg weakness	MDD, PTSD, Somatoform Pain Disorder	MDD, Social Phobia	CLP, DLX, GBP, BZP
36	70	M	19	FMD	Abnormal gait	-	Anxiety NOS	-
37	58	F	18	PNES	Motor seizures with fear and crying	Ag	MDD, Alcohol Abuse	TZD, GBP, CTP, TPM
38	53	F	16	FMD	Abnormal gait	MDD, Dysthymia, GAD, Somatoform Pain Disorder	Eating Disorder NOS	GBP, TZD, DLX
39	49	F	15	PNES	Motor seizures	PD_Ag-	MDD, PTSD	LRZ, LTG
40	28	F	16	PNES, FW [†]	Motor seizures with altered consciousness, left arm and leg weakness	Dysthymia, PDwoAG, Undiff Somatoform	PTSD, Depression NOS	GBP
41	29	F	18	PNES [†]	Motor seizures w/ altered consciousness	GAD, Specific Phobia	Eating Disorder NOS	TPM

42	37	F	18	PNES, FMD	Motor seizures w/ LOC, left arm tremor	PD_Ag-, Undiff Somatoform	PTSD, Social Phobia	-
43	34	F	14	FMD, FW*	Limb weakness, abnormal gait	BPAD II, Anxiety NOS	-	TZD, LRZ
44	25	F	19	FMD	Dystonia (bilateral feet)	Somatoform Pain Disorder, Anxiety NOS, BPAD II	OCD	DZP, GBP, VTX
45	55	F	12	PNES	Motor seizures w/ LOC	MDD, Dysthymia, PTSD	Social Phobia	BUP, LRZ, QTP, ZLP
46	52	F	12	FMD	Paroxysmal head and bilateral arm tremors	Depression NOS	-	SERT
47	57	M	12	FMD*	Right arm tremor	OCD, Anxiety NOS	MDD	BUP, DLX, ZLP
48	20	F	14	FMD, FW	Abnormal gait, right arm tremor and weakness	PD_Ag-	MDD	-
49	30	F	18	FMD, PNES	Motor seizures, abnormal gait	Anxiety NOS, Undiff Somatoform	-	-
50	51	M	19	PNES ⁺⁺	Sensory symptoms and loss of time	-	MDD, Anxiety NOS	DNZ
51	19	M	14	FMD	Jerking head and limb movements	Anxiety NOS	-	-
52	48	F	12	FMD	Abnormal gait	Anxiety NOS ^{**}	Depression NOS ^{**}	AMD, SERT, LRZ

53	31	M	14	PNES	Minor motor seizures	PD_Ag-, Undiff Somatoform	PTSD, ETOH Abuse	PGN, PZN, DLX
54	20	F	12	PNES	Episodes of behavioral arrest with altered consciousness	Somatization Disorder, Anxiety NOS	Depression NOS	BSP, ECP, LRZ, TZD
55	64	F	15	FW*	Generalized weakness	PTSD, OCD, Somatization Disorder, Depression NOS	MDE, PD_Ag+, Eating Disorder NOS	DLX, MIR
56	29	F	18	FMD, FW, PNES	Minor motor seizures with altered consciousness, abnormal gait, left arm and bilateral leg weakness	Somatization Disorder, Anxiety NOS	-	GBP, LRZ

†Indicates that these patients had splitting of the midline functional numbness. ††Indicates that patient also had a functional cognitive disorder. *Indicates that these patients also had functional voice symptoms. **Psychiatric diagnoses made by chart review, as structured psychiatric interview not performed. M, male; F, female; NES, Nonepileptic Seizures; FW, Functional Weakness; FMD, Functional Movement Disorders; NOS, not otherwise specified; MDD, Major Depressive Disorder; PD_Ag+, Panic Disorder with Agoraphobia; PD_Ag-, Panic Disorder without Agoraphobia; GAD, Generalized Anxiety Disorder; Undiff Somatoform, Undifferentiated Somatoform Disorder; PTSD, Post-Traumatic Stress Disorder; OCD, Obsessive Compulsive Disorder; Ag, Agoraphobia without Panic Disorder; LOC, Loss of Consciousness; AMD,

Amantadine; APM, Amphetamine; APZ, Aripiprazole; ATP, Amitriptyline; BSP, Buspirone; BUP, Bupropion; BZP, Benzotropine; CLN, Clonidine; CLP, Clonazepam; CTP, Citalopram; CZP, Carbamazepine; DLX, Duloxetine; DNZ, donepezil; DOX, Doxepin; DVX, Desvenlafaxine; DXAM, Dextroamphetamine; DZP, Diazepam; ECP, Escitalopram; FLX, Fluoxetine; GBP, Gabapentin; LRZ, Lorazepam; LSD, Lysergic Acid Diethylamide; LTG, Lamotrigine; LXAM, Lisdexamfetamine; MIR, Mirtazapine; NRT, Nortriptyline; PGN, Pregabalin; PZN, Prazosin; QTP, Quetiapine; ROP, Ropinirole; SERT, Sertraline; THP, Trihexyphenidyl; TPM, Topiramate; TZD, Trazodone; VEN, Venlafaxine; VPA, Valproic Acid; VTX, Vortioxetine; ZLP, Zolpidem.

Supplemental Table 2. Demographic characteristics and within group univariate associations with self-reported attachment styles (RSQ) in motor functional neurological disorders.

	Mean±SD	RSQ Secure Test Statistic; p-value	RSQ Fearful Test Statistic; p-value	RSQ Preoccupied Test Statistic; p-value	RSQ Dismissing Test Statistic; p-value
Age	40.2±13.0	0.15; 0.28	-0.02; 0.91	-0.08; 0.55	0.10; 0.48
Female (41) v. Male (15)	-	0.31; 0.76	1.01; 0.32	-0.27; 0.79	-1.17; 0.25
White (51) v. Non-white (5)	-	0.74; 0.47	1.21; 0.23	-0.48; 0.63	-2.13; 0.04
College (21) v. No College (35)	-	1.46; 0.15	1.27; 0.21	1.45; 0.15	1.28; 0.21
Illness Duration in years	3.3±3.7	-0.02; 0.91	-0.04; 0.78	0.17; 0.21	-0.12; 0.39
Married (23) v Not Married (33)	-	1.35; 0.18	-2.09; 0.04	-1.23; 0.22	-2.41; 0.02
Disabled (25) v Not Disabled (31)	-	0.99; 0.33	-0.62; 0.54	-1.17; 0.25	0.02; 0.99
Full Time Employed or Student (21) v. Other (35)	-	1.12; 0.27	0.67; 0.51	1.03; 0.31	0.16; 0.88
PNES (24) v. Other Motor FND	-	1.09; 0.28	0.04; 0.97	1.51; 0.14	-0.48; 0.63
FMD (29) v. Other Motor FND	-	2.27; 0.03	-0.65; 0.52	-0.81; 0.42	0.05; 0.96
FW (21) v. Other Motor FND	-	1.03; 0.31	1.52; 0.13	0.48; 0.64	1.08; 0.28
SOMS:CD	8.4±7.2	0.18; 0.19	0.15; 0.27	0.03; 0.83	0.06; 0.65
PHQ-15	13.2±5.0	-0.05; 0.74	0.35; 0.009	0.15; 0.27	-0.03; 0.82
SDQ-20	32.2±10.1	0.15; 0.28	0.43; 0.001	0.08; 0.58	0.06; 0.68
SF-36 Mental	47.9±22.9	0.30; 0.03	-0.48; <0.001	-0.18; 0.18	-0.04; 0.75
SF-36 Physical	46.4±23.1	-0.14; 0.31	-0.23; 0.09	0.02; 0.90	-0.05; 0.71
DES	19.2±14.4	-0.06; 0.64	0.57; <0.001	0.38; 0.004	0.11; 0.40
PTSD-CL5*	26.7±20.3	-0.30; 0.03	0.49; <0.001	0.07; 0.63	0.12; 0.39
LEC 'Happened to Me'	4.2±2.8	-0.11; 0.41	0.37; 0.005	0.05; 0.70	0.25; 0.06
CTQ-Abuse	28.5±13.6	-0.23; 0.09	0.55; <0.001	0.23; 0.09	0.02; 0.87
CTQ-Neglect	20.3±8.8	-0.09; 0.52	0.34; 0.01	0.14; 0.30	-0.13; 0.33
BDI-II	18.7±12.5	-0.20; 0.14	0.61; <0.001	0.17; 0.22	0.16; 0.24
STAI-T	85.8±23.8	-0.42; 0.001	0.56; <0.001	0.28; 0.04	0.17; 0.23
CD-RISC	64.0±16.5	0.47; <0.001	-0.30; 0.03	-0.22; 0.11	0.07; 0.59
TAS	56.1±13.2	-0.47; <0.001	0.38; 0.004	0.20; 0.14	0.11; 0.44
NEO-Neuroticism	25.4±9.0	-0.44; 0.001	0.48; <0.001	0.34; 0.01	0.14; 0.30

NEO-Extraversion	24.1±7.4	0.47; <0.001	-0.40; 0.003	-0.16; 0.23	-0.13; 0.36
NEO-Openness	26.1±5.7	0.16; 0.25	0.04; 0.76	-0.12; 0.36	0.25; 0.06
NEO-Agreeableness	35.5±5.0	-0.10; 0.47	0.21; 0.12	-0.09; 0.49	0.13; 0.34
NEO-Conscientiousness	31.8±7.3	0.10; 0.45	-0.08; 0.55	-0.32; 0.02	0.15; 0.28
BIS	64.2±10.8	-0.01; 0.92	0.15; 0.27	0.28; 0.04	-0.11; 0.43
PCS*	16.5±12.2	-0.23; 0.09	0.51; <0.001	0.32; 0.02	0.05; 0.74

Test statistic refers to independent sample t-test for dichotomous group comparisons or Pearson correlation coefficient for continuous variables. *Indicates that one subject had missing data for the PTSD-CL5 and another subject had missing data for the PCS. RSQ, Relationship Scales Questionnaire; FND, Functional Neurological Disorder; PNES, psychogenic non-epileptic seizures; FMD, functional movement disorder; FW, functional weakness; SD, standard deviation; SOMS: CD, Conversion Disorder Subscale of the Screening for Somatoform Symptoms-7 scale; PHQ-15, Patient Health Questionnaire-15; SDQ-20, Somatoform Dissociation Questionnaire-20; SF-36; Short Form Health Survey-36; DES, Dissociative Experience Scale; PTSD-CL5, Post-Traumatic Stress Disorder Checklist for DSM-5; LEC, Life Events Checklist; CTQ, Childhood Trauma Questionnaire; BDI-II, Beck Depression Inventory-II; STAI-T, Spielberger State Trait Anxiety Inventory Total Score; CD-RISC, Connor-Davidson Resilience Scale; TAS, Toronto Alexithymia Score; NEO, NEO Five-Factor Inventory-3; BI, Barrett Impulsivity Scale; PCS, Pain Catastrophizing Scale.