

Supplementary File 4: RCTs in FND – outcome measures

Study	Primary outcome measure	Secondary / additional outcome measures							
		SF 36 / 12	CGI			HCU	GAF	HADS	Other secondary measures
			S	lc	lp				
Demartini 2019a	Heartbeat detection task Posner paradigm								
Dreissen 2019	CGI-lc	✓	✓	✓	✓				Clinician-rated: PMDRS, MRC strength examination, MADRS Self-report: symptom burden (visual analogue scale), ALDS, BAI, BDI, Liebowitz Social Anxiety Scale, Obsessive Compulsive Inventory Adverse events
Taib 2019	PMDRS	✓	✓	✓	✓			✓	Clinician-rated: HAM-D Self-report: TAS
Tolchin 2019	Treatment adherence					✓			Self-report: seizure frequency, QoLIE-10, emergency department visits
Vizcarra 2019	PMDRS								Clinician-rated: HAM-D, HAM-A, Katz ADL index, Lawton Instrumental ADL scale
Ghanbarizadeh 2018	Symptom resolution								Clinician-rated: Adverse effects: extrapyramidal symptoms, fatigue/sleepiness, headache, other
Jafari 2018	Symptom resolution								Clinician-rated: Time to recovery, adverse effects
Baird 2017	Seizure clusters (from seizure diaries)		✓	✓		✓	✓		Clinician-rated: LIFERIFT, HAM-D, OHS Self-report: BDI-II, BAI, DTS, DES, BIS, SCL-90, QoLIE-3I, QOL-BFS, ES, WoCQ, SEP Objective: Unemployment, disability status, driving status
Garcin 2017	Clinician-rated FMD scale (designed for study)				✓			✓	Clinician-rated: MINI (screen), CIDI

Pleizier 2017	SF-36	✓		✓	✓	Self-report: SCL-90 (somatisation), VAS (pain, general well-being), PCS, ALDS, symptom change
Dalocchio 2016	PMDRS					Clinician-rated: HAM-D Self-report: BAI, PHQ-15
Drane 2016	Seizure frequency (previous month)			✓		Self-report: BDI-II, QOLIE-10-P, acceptance of Dx, beliefs about recovery
McWhirter 2016	Symptom severity (self-report) Disability (SF-12, MRS)	✓				Clinician-rated: strength (dynamometry), tapping freq, MRS Self-report: AUDIT
Nielsen 2017b	NA (feasibility study)	✓		✓	✓	Clinician-rated: timed walk, FMS, Berg Self-report: EQ-5D-5L, WSAS, DASH, B-IPQ
Broersma 2015	Strength (dynamometry)					Clinician-rated: neurological exam (sensory, reflexes, coordination) Self-report: Subjective strength (0-100%)
Hubschmid 2015	SDQ-20, CGI, MRS	✓	✓	✓	✓	Clinician-rated: MINI, MADRS, Self-report: DES, TAS, BDI, acceptance of MH referral
Chen 2014	Seizure frequency / intensity WSAS			✓		Self-report: Seizure-related HCU; onset of new MUS; beliefs about seizures (e.g., triggers, understanding, fear, control); SIMS, HHC, HAS, BDI-II
Kompoliti 2014	PMDRS		✓	✓		Clinician-rated: HAM-D, MMPI-2 Self-report: BAI
LaFrance 2014	Seizure frequency (daily calendars, family assist)		✓	✓	✓	Clinician-rated: LIFERIFT, HAM-D, OHS Self-report: BDI-II, BAI, DTS, DES, BIS, SCL-90 (somatic), QoLIE-31, QOL-BFS, ES, WoCQ, SEP Objective: Unemployment, disability status, driving status
Jordbru 2013		✓				Clinician-rated: FIM, FMS Self-report: Employment status

Thompson 2013	Contact with MH professional (measure designed for study)			✓		Self-report: QoLIE-31, seizure frequency / intensity
Sharpe 2011	CGI-IP	✓		✓	✓	Clinician-rated: PRIME-MD Self-report: CPS, PHQ-15, WI, IPQ, treatment satisfaction
Goldstein 2010	Seizure frequency (monthly, from diaries)			✓	✓	Self-report: Seizure freedom for 3 m at 6 m follow-up, WSAS, CSRI (HCU, employment)
LaFrance 2010	Seizure frequency (biweekly, from daily diaries), patient & witness	✓	✓		✓	Clinician-rated: SCID, HAM-D, OHS, LIFERIFT Self-report: BDI-II, DES, SCL-90 (Somatic), WoCQ, QoLIE-31, BIS, DTS, WoCQ, FAD
Oto 2010	Seizure frequency (monthly)			✓	✓	Self-report: SEALS, IPQ, employment Speed of recovery / relapse
Mousavi 2008	Recovery / remission					
Khattak 2006	Seizure frequency (diaries)		✓		✓	
Ataoglu 2003	Seizure frequency (previous week)					Clinician-rated: HAM-A
Moene 2002	Video rating scale					Clinician-rated: ICIDH, SHCS Self-report: SCL-90, Patient expectations
Moene 2003	Video rating scale					Clinician-rated: ICIDH, SHCS Self-report: SCL-90, Patient expectations
Rampello 1996	Symptom severity					Clinician-rated: HAM-A, HAM-D Self-report: Middlesex Hospital Questionnaire – hysteria subscale

PLANNED / IN PROGRESS / UNPUBLISHED TRIALS	Primary outcome measure	Secondary / additional outcome measures					
		SF 36 / 12	CGI	HCU	GAF	HADS	Other secondary measures
		S	Ic	Ip			
Bullock (US)	Treatment adherence				✓		Self-report: General Self-Efficacy Scale; GAD-7; PHQ-9; adverse events (frequency); Symptoms (freq/severity) Clinician-rated: OHS
Goldstein 2015 (UK)	Seizure frequency (4 w) (diaries)	✓		✓	✓		Self-report: seizure severity (SSS), freedom, reduction, treatment satisfaction, WSAS, GAD-7, PHQ-9, extended PHQ-15, CORE-10, ED-5Q-5L, CSRI, CGI-I
Davis-Fobian (US)	Seizure frequency (diaries)						Adolescent Coping Orientation for Problem Experiences Self-report: seizure frequency, seizure severity, Beck-21; DES; SDQ-20; TAS-20; brief COPE; planned HCU; emergency HCU Clinician-rated: HAM-A
Hingray (France)	SF-36; QoLIE-3I	✓			✓		Self-report: IPQ, WSAS, EQ-5D, PHQ, CIS-fatigue, satisfaction, adverse events QALY
Koning-Tijssen (b) (Netherlands)	CGI-Ip	✓		✓	✓		Side effects, symptom severity (interview, examination)
Chastan (France)	Symptom severity (video)						Self-report: IPQ-Revised, Work Productivity & Impairment Questionnaire, EQ-5D-5L, CSRI, FMS
Nielsen (UK)	SF-36 Physical function	✓			✓	✓	Self-report: WSAS, SF-36, CSRI, PHQ-9; PHQ-15, GAD-7, CORE-10, strength ratings Clinician-rated: FIM/FAM, Barthel, Dynamometry
Nicholson (UK)	CGI-Ip / Ic	✓	✓	✓	✓		Self-report: Seizure frequency, PHQ-9, GAD-7, SCL-90
Schommer (US)	Treatment adherence						

Key

Clinician-rated: ADL=activities of daily living; Berg=Berg Balance Scale; CGI-Ic=Clinical Global Impressions-Improvement (clinician); CGI-S=Clinical Global Impressions-Severity; FAM=Functional Assessment Measure; FIM=Functional Independence Measure; GAF=Global Assessment of Functioning; HAM-D=Hamilton Depression Rating Scale; HAM-A=Hamilton Rating Scale for Anxiety; ICIDH=International Classification of Impairments, Disabilities and Handicaps; LIFERIFT=Longitudinal Interval Follow-up Evaluation-Range of Impaired Functioning Tool (quality of relationships tool); MADRS=Montgomery Asberg Depression Scale; MINI=Mini International Neuropsychiatric interview; MRS=Modified Rankin Scale; OHS=Oxford Handicap Scale; PMDRS=Psychogenic Movement Disorder Rating Scale; PRIME-MD=Primary Care Evaluation of Mental Disorders; SCID=Structured Clinical Interview for Diagnosis; SHCS=Stanford Hypnotic Clinical Scale; VRMC=Video Rating Scale for Motor Conversion Symptoms

Self-report: ALDS=AMC Linear Disability Scale; AUDIT=Alcohol Use Identification Test; BAI=Beck Anxiety Inventory; BDI-II=Beck Depression Inventory (2nd ed); BAES=Beliefs About Emotions Scale; B-IPQ=Brief Illness Perception Questionnaire; BIS=Barratt Impulsiveness Scale; CGI-Ip=Clinical Global Impressions-Improvement (patient); CIDI=Composite International Diagnostic Interview; CIS=Checklist individual Strength; CORE=Clinical Outcomes in Routine Evaluation; CPS=Change in Presenting Symptoms Scale; CS=Credibility/Expectancy Questionnaire; CSRI=Client Service Receipt Inventory; DASH=Disabilities of Arm, Shoulder and Hand; DES=Dissociative Experiences Scale; DTS=Davidson Trauma Scale; ES=Expectations Scale; Family Assessment Device=FAD; FMS=Functional Mobility Scale; GAD-7=Generalised Anxiety Disorder scale - 7 item; HADS=Hospital Anxiety & Depression Scale; HAS=Health Attitudes Survey; HCU=Health Care Utilization; HHC=Health History Checklist; IPQ=Illness Perception Questionnaire; QoLIE=Quality of Life in Epilepsy; QOL-BFS=QOL Burden to Family Scale; MMPI-2=Minnesota Multiphasic Personality Inventory - second edition; Neuro-QoL=Quality of Life in Neurological Disorders; PCS=Pain Catastrophising Scale; PANAS=Positive and Negative Affect Schedule; PHQ=Patient Health Questionnaire; SCL-90=Symptom Checklist-90; SDQ-20=Somatoform Dissociation Questionnaire - 20 item version; SEALS=Side Effects and Life Satisfaction inventory; SEP=Side Effects Profile; SIMS=Structured Inventory of Malingering Symptomatology; SOMS-7=Screening for Somatoform Symptoms - 7; SSS=Seizure Severity Scale; TAS=Toronto Alexithymia Scale; VAS=Visual Analogue Scale; WI=Whiteley Index; WoCQ=Ways of Coping Questionnaire; WSAS=Work and Social Adjustment Scale