

Patient characteristics		Mean	SD
Age	71 patients	33.6	14.8
Average no. of rTMS sessions	70	47.89	40.5
		N	Percentage
Sex	Female	43	60.6
	Male	28	39.4
Ethnicity	Chinese	52	73.2
	Indian	10	14.1
	Malay	4	5.6
	Others	5	7.0
Education level	University and above	24	33.8
	College/Junior college	19	26.7
	The Institute of Technical Education/Diploma	9	0.1
	Secondary and below	13	18.3
MDD treatment sessions <sup>a</sup>	≤30 sessions	19	35.8
	>30 sessions	34	64.2
OCD treatment sessions	≤30 sessions	5	38.5
	>30 sessions	8	61.5
Diagnosis	OCD	13	18.3
	MDD	58	81.7
Treatment sites	F3	32	45.1
	F4	13	18.3
	OCD spot	13	18.3
	DMPFC	2	2.8
	AF8	11	15.5
Switching of rTMS modality	No	48	67.6
	Yes	22	31.0
Admission status	Inpatient (involuntary)	11	15.5
	Inpatient (voluntary)	18	25.4
	Outpatient	41	57.7
Duration of current episode <sup>a</sup>	Acute (≤12 months)	19	26.8
	Sub-acute (13–24 months)	11	15.5
	Chronic (>24 months)	21	29.6

Patient characteristics		N	Percentage
Previous depressive episode, range <sup>a</sup>	0	5	7.0
	1–3	17	23.9
	>3	20	28.2
Main reasons refer to TMS treatment	Difficult to treat with medications (poor tolerability/risks)	2	2.8
	Failure of medications	46	64.8
	Suicide	4	5.6
	Patient preference	6	8.5
	Previous good response to this treatment modality	1	1.4
	Others	1	1.4
Antidepressant <sup>a</sup>	No	5	7.0
	Yes	52	73.2
Clozapine <sup>a</sup>	No	52	73.2
	Yes	4	5.6
Antipsychotics other than clozapine <sup>a</sup>	No	27	38.0
	Yes	29	40.8
Lithium <sup>a</sup>	No	46	64.8
	Yes	10	14.1
Anticonvulsant <sup>a</sup>	No	39	54.9
	Yes	18	25.4
Stimulant <sup>a</sup>	No	51	71.8
	Yes	6	8.5
Benzodiazapine <sup>a</sup>	No	23	32.4
	Yes	34	47.9
No. of failed antidepressants	Failed ≥3 antidepressant	47	66.2
	Failed 1–2 antidepressant	15	21.1
	Failed 0 antidepressant	1	1.4
Past use of/Response to ECT <sup>a</sup>	No prior ECT	40	56.3
	Good response to prior ECT	2	2.8
	Partial response to prior ECT	6	8.5
	Poor response to prior ECT	7	9.9

<sup>a</sup> Data total not complete due to missing value  
 AF8: right orbitofrontal cortex; DMPFC: dorsomedial prefrontal cortex; ECT: electroconvulsive therapy; F3: left dorsolateral prefrontal cortex; F4: right dorsolateral prefrontal cortex; MDD: major depressive disorder; OCD: obsessive-compulsive disorder; rTMS: repetitive transcranial magnetic stimulation; SD: standard deviation