

## Supplementary Figure 1. Details of the trial schedule

Item	Clinical trial period							Clinical trial period (continuous trial)				Follow-up period
	Pre-evaluation period		Evaluation period					Continuous-evaluation period				
	2 weeks before intervention	1st day	2nd day	3rd day	4th day	5th day or abortion		1st week	2nd week	3rd week	4th week	4 weeks after completion of intervention
Informed consent	+											
Eligibility evaluation (VAS, MMSE, BDI-II)	+											
Final eligibility test (Compliance test)		+										
Definitive registration and assignment		+										
Eligibility evaluation for continuous trial							+					
Informed consent for continuous trial							+					
Intervention	Active or sham stimulation		+	+	+	+	+					
	Active stimulation								+	+	+	+
VAS	Immediately before intervention		+	+	+	+	+		+	+	+	+
	Immediately after intervention		+	+	+	+	+		+	+	+	+
SF-MPQ2	Immediately before intervention		+	+	+	+	+		+	+	+	+
	Immediately after intervention		+	+	+	+	+		+	+	+	+
PGIC <sup>a</sup>	After intervention						+					+ <sup>b</sup>
BDI-II <sup>a</sup> , EQ-5D-5L <sup>a</sup>			+ <sup>c</sup>				+ <sup>d</sup>					+ <sup>e</sup>
Final evaluation (VAS, SF-MPQ2, MMSE, BDI-II)												+
Adverse events and malfunction of devices			+	+	+	+	+		+	+	+	+
Evaluation of blindness <sup>a</sup>	After intervention		+				+					

The schedule of evaluations is shown. Evaluations during the continuous trial were performed on the day of the intervention (at least once weekly).

Abbreviations: VAS, visual analogue scale; MMSE, Mini mental state examination; BDI-II, Beck Depression Inventory second version; SF-MPQ2, short-form McGill pain questionnaire 2; PGIC, Patient Global Impression of Change; EQ-5D-5L, European Quality of Life-5 Dimensions 5-level.

<sup>a</sup> Performed on the day of treatment termination or the day after treatment termination in cases of study withdrawal.

<sup>b</sup> Evaluated on the final day of intervention.      <sup>c</sup> Evaluated before the intervention.

<sup>d</sup> Evaluated after the intervention.      <sup>e</sup> Evaluated after the final intervention.