

Supplemental Digital Content 1

Schedule of LFP recordings obtained from the DBS electrode

	Dexmedetomidine recording (Day 0)	Control recording (Day 4)*	Propofol recording (Day 5)**
Place	Operating theatre	Neurophysiology consultancy	Operating theatre
Moment	After DBS implantation at first surgical phase	Without anesthetic or surgical intervention	Before general anesthesia for second surgical phase

* The control recording for one of the patients was performed on day 2.

** The propofol recording for one of the patients was performed on day 3.