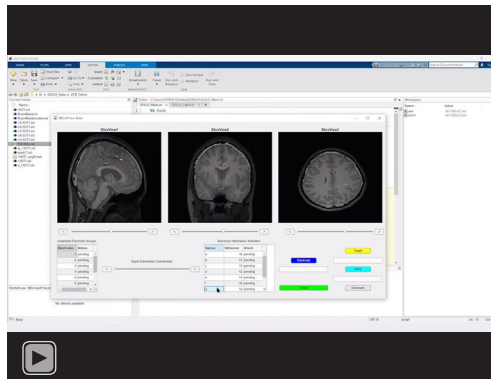


Figure S1 An electrode reviewing panel displaying localization and labeling results in an interactive manner.



Video S1 Screen capture video demonstrating the basic workflow of electrode localization and labeling.

Table S1 Clinical information of the 7 patients

Cases	Gender/age (years)	Depth electrode (contacts × #)	Side	Brain area				
				F	T	P	O	I
01	M/10	16 × 1; 12 × 9; 8 × 1	B		1	5	5	
02	F/14	16 × 3; 12 × 8	B	3				8
03	F/32	16 × 4; 14 × 4; 12 × 2; 10 × 1	L		7	3		1
04	M/13	16 × 7; 12 × 2	R		2	1	5	1
05	F/34	16 × 1; 14 × 1; 12 × 4; 10 × 3; 8 × 1	R	1	6	1	1	1
06	M/14	16 × 7; 12 × 6; 8 × 1	L		4	6	3	1
07	M/20	16 × 1; 12 × 9; 8 × 4	L	8		2		4

M: male; F: female; L: left; R: right; B: bilateral; N: number of electrodes; F: frontal; T: temporal; P: parietal; O: occipital; I: insula.