

eTable 1. Electrodes implanted

Stimulating electrodes																				
Participant	AdP	AbPB	FILP	EPL	FDP	FDS	EDC	Int	Tri	ECU	PQ	PL	APL	FCR	FCU	Pec	SS	EDQ	EIP	Rhomboid
A	X	X	X	X	X	X	X	XX		X*	X					X	X			
B	X	X	X	X	X	X	X	XX	X	X				X						
C	X	X	X	X	XX	(X)	X	XX	X	X*						X				
D		X	X	X	X	X	X			X*	X				XX†	X**				X
E	X	X	X	X	XX		X	XX	X	X*		X								
F-R	X	X	X	X	X	X	X	XX	X	X*			X							
F-L	X	X	X	X	X	X	X	XX	X	X*	X				X					
G	X	X	X	X	X	X	X	XX	X				X							
H	X	X	X	X	X	X	X	XX			X	X	X							
I-R	X	X	X	X	XX	XX	X	XX		X*								X		
I-L	X	X	X	X	X	X	X	XXX		X*	X			X						
J-L	X	X	X	X	X	X	XX	XX	X					X						
J-R	X	X	X	X	X	X	X	XX						X						XX
K	X	X	X	X	X	X	XX	XX					X		X					
L	X	X		XX	X	X	XX		††(XX)X			X	X							

(Continued)

(CONT.)

Participant	Recording electrodes							
	Platysma	Trap	Br	ECRL	Ant Delt	Med Delt	Post Delt	Biceps
A		X	X					
B	X		X					
C	X		X		(X)			
D		X		X		X		X
E		X	X					
F-R		X	X					
F-L		X		X				
G	X			X				
H		X		X				
I-R		X		X				
I-L		X		X				
J-L	X			X				
J-R	X			X				
K	X			X				
L				X				X

Note: AdP = adductor pollicis; AbPB = abductor pollicis brevis; FPL = flexor pollicis longus; EPL = extensor pollicis longus; FDP = flexor digitorum profundus; FDS = flexor digitorum superficialis; EDC = extensor digitorum communis; Int = finger intrinsic; Tri = triceps; ECU = extensor carpi ulnaris; PQ = pronator quadratus; PL = palmaris longus; APL = abductor pollicis longus; FCR = flexor carpi radialis; FCU = flexor carpi ulnaris; Pec = pectoralis major; Platy = platysma; Rhomb = rhomboid; SS = supraspinatus; EDQ = extensor digiti quinti; EIP = extensor indicis proprius; Trap = trapezius; Br = brachioradialis; ECRL = extensor carpi radialis longus; Ant Delt = anterior deltoid; Mid Delt = middle deltoid; Post Delt = posterior deltoid.

*ECU-ECRB (ECU to extensor carpi radialis brevis tendon transfer)

**EIP-AdP (tendon transfer)

†Pec-Serr Ant (pec to serratus anterior tendon transfer)

††Two triceps electrodes in contralateral arm

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