

Materials List for

Combined Peripheral Nerve Stimulation and Controllable Pulse Parameter Transcranial Magnetic Stimulation to Probe Sensorimotor Control and Learning

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Materials

Name	Company	Catalog Number	Comments
Acquisition software (for EMG)	AD Instruments, Colorado Springs, CO, USA	PL3504/P	LabChart Pro version 8
Alcohol prep pads	Medline Canada Corporation, Mississauga, ON, Canada	211-MM-05507	Alliance Sterile Medium, Antiseptic Isopropyl Alcohol Pad (200 per box)
Amplifier (for EMG)	AD Instruments, Colorado Springs, CO, USA	FE234	Quad Bio Amp
Cotton round	Cliganic, San Francisco, CA, USA	CL-BE-019-6PK	Premium Cotton Rounds (6-pack, 90 per package)
cTMS coils	Rogue Research, Montréal, QC, Canada	COIL70F80301	70 mm Medium Inductance Figure-8 coil
cTMS coils	Rogue Research, Montréal, QC, Canada	COIL70F80301-IC	70 mm Medium Inductance Figure-8 coil (Inverted Current)
cTMS stimulator	Rogue Research, Montréal, QC, Canada	CTMSMU0101	Elevate cTMS stimulator
Data acquisition board (for EMG)	AD Instruments, Colorado Springs, CO, USA	PL3504	PowerLab 4/35
Digital to analog board	National Instruments, Austin, TX, USA	782251-01	NI USB-6341, X Series DAQ Device with BNC Termination
Disposable adhesive electrodes (for EMG)	Covidien, Dublin, Ireland	31112496	Kendal 130 Foam Electrodes
Electrogel	Electrodestore.com	E9	Electro-Gel for Electro-Cap (16 oz jar)
Nuprep	Weaver and Company, Aurora, CO, USA	10-30	Nuprep skin prep gel (3-pack of 4 oz tubes)
Peripheral electrical stimulator	Digitimer, Hertfordshire, UK	DS7R	DS7R High Voltage Constant Current Stimulator
Reusable bar electrode	Electrodestore.com	DDA-30	Black Bar Electrode, Flat, Cathode Distal
Software (for behaviour and stimulator triggering)	National Instruments, Austin, TX, USA	784503-35	Labview 2020

TMS stereotactic coil guidance system	Rogue Research, Montréal, QC, Canada	KITBSF0404	BrainSight Neuronavigation System
Transpore tape	3M, Saint Paul, MN, USA	50707387794571	Transpore Medical Tape (1 in x 10 yds)