

- - - STUDY PARAMETERS - - -

Date: ___/___/202__ Time: ___:___ to ___:___ Project _____ Experiment _____

Researcher(s): _____ | _____ | _____ | _____ | _____ Site/Lab: _____

PARTICIPANT

Subject #: _____ ID: _____ Visit: _____ Consent ☐ Safety ☐

Height: _____ cm Weight: _____ kg Arm length: _____ cm Ear-neck-fingertip: _____ cm

Nasion-inion: _____ cm L-R pre-auricular: _____ cm Circumference: _____ cm

Ethnicity: _____ Medications: _____ Nicotine: _____ Alcohol: _____

TMS

Make: Magstim, MagVenture, Mag&More, Dantec, _____ NeuroNav: 10/20, MNI, MRI, _____

Model: 200, BiStim, Rapid | MagPro R____, PowerMag _____ | Other: _____

Coil shape: Round | Figure 8 | Double-Cone | H-coil Handle: Flat | Branding iron

Coil size: 50 | 70 | 90 | 100 | 110 | Other: _____ mm Diameter: Inner | Mean | Outer

EMG

Muscle1: FDI, TE, ADM, FDS, EDC, FCR/U, ECR/U, BR, BB, TB, DEL, PEC, Other _____ L | R

Muscle2: FDI, TE, ADM, FDS, EDC, FCR/U, ECR/U, BR, BB, TB, DEL, PEC, Other _____ L | R

Muscle3: FDI, TE, ADM, FDS, EDC, FCR/U, ECR/U, BR, BB, TB, DEL, PEC, Other _____ L | R

Muscle4: FDI, TE, ADM, FDS, EDC, FCR/U, ECR/U, BR, BB, TB, DEL, PEC, Other _____ L | R

PNS

Stimulator Make: Digitimer | ADInstruments Model: D _____ | BioAmp | Other _____

Nerve1: Digit_, Med, Uln, Rad, _____ Site: Finger, Wrist, Elbow, _____ Distance: _____ cm L | R

Nerve2: Digit_, Med, Uln, Rad, _____ Site: Finger, Wrist, Elbow, _____ Distance: _____ cm L | R

Nerve3: Digit_, Med, Uln, Rad, _____ Site: Finger, Wrist, Elbow, _____ Distance: _____ cm L | R

Nerve4: Digit_, Med, Uln, Rad, _____ Site: Finger, Wrist, Elbow, _____ Distance: _____ cm L | R

- - - THRESHOLDS - - -

TMS THRESHOLD LOCATIONS

Site1: _____ Ref.: Vertex, Inion, _____ Hem: L, mid, R Right: _____ cm Forward: _____ cm ○

Site2: _____ Ref.: Vertex, Inion, _____ Hem: L, mid, R Right: _____ cm Forward: _____ cm ○

Site3: _____ Ref.: Vertex, Inion, _____ Hem: L, mid, R Right: _____ cm Forward: _____ cm ○

Site4: _____ Ref.: Vertex, Inion, _____ Hem: L, mid, R Right: _____ cm Forward: _____ cm ○

TMS THRESHOLDS

Method: MEPs, Twitch, Other _____ Algorithm: Frequency, PEST, Other _____

Target: 5/10/ _____ MEPs of 10/20/ _____ trials Criterion mV: 0.05/0.10/0.20/1.0/Other _____ mV

Muscle1: _____ Side: L, R State: Rest/ _____ %MVC, Move mV: 0.05/ _____ Threshold: _____ %MSO

Muscle2: _____ Side: L, R State: Rest/ _____ %MVC, Move mV: 0.05/ _____ Threshold: _____ %MSO

Muscle3: _____ Side: L, R State: Rest/ _____ %MVC, Move mV: 0.05/ _____ Threshold: _____ %MSO

Muscle4: _____ Side: L, R State: Rest/ _____ %MVC, Move mV: 0.05/ _____ Threshold: _____ %MSO

NERVE THRESHOLDS

Nerve1: _____ Side: L, R; Duration: _____ ms Sensory: _____ mA; M-wave: _____ mA; Twitch: _____ mA

Nerve2: _____ Side: L, R; Duration: _____ ms Sensory: _____ mA; M-wave: _____ mA; Twitch: _____ mA

Nerve3: _____ Side: L, R; Duration: _____ ms Sensory: _____ mA; M-wave: _____ mA; Twitch: _____ mA

Nerve4: _____ Side: L, R; Duration: _____ ms Sensory: _____ mA; M-wave: _____ mA; Twitch: _____ mA

- - - EEG - - -

Hardware: _____ Sampling rate: _____ kHz Filtering, Low: _____ Hz High: _____ Hz

Electrodes 1: _____ / _____ 2: _____ / _____ 3: _____ / _____ 4: _____ / _____ Reference: _____

Nerve: _____ Side: L, R; Duration: _____ ms Intensity: _____ mA; Frequency: _____ Hz Reps: _____

NOTES: _____

- - - EXPERIMENT - - -

TMS LOCATIONS

Site1: _____ Hem.: L | Mid | R Right: ____cm Forward: ____cm MNI: ____x,____y,____z ○

Site2: _____ Hem.: L | Mid | R Right: ____cm Forward: ____cm MNI: ____x,____y,____z ○

Site3: _____ Hem.: L | Mid | R Right: ____cm Forward: ____cm MNI: ____x,____y,____z ○

Site4: _____ Hem.: L | Mid | R Right: ____cm Forward: ____cm MNI: ____x,____y,____z ○

TMS PULSES

TMS train type: Single | Paired | Triple | Quadruple | rTMS: ____Hz, ____s | _____

TMS coil 1: _____ TMS coil 2: _____ TMS coil 3: _____ (in order of pulses)

TMS intensity1: ____ %MSO ____ %RMT | %AMT Shape: Mono | Bi | _____

TMS intensity2: ____ %MSO ____ %RMT | %AMT Shape: Mono | Bi | _____

TMS intensity3: ____ %MSO ____ %RMT | %AMT Shape: Mono | Bi | _____

TMS intensity4: ____ %MSO ____ %RMT | %AMT Shape: Mono | Bi | _____

Total N blocks: ____ N trials per block: ____ N pulses per trial: ____ Total pulses: _____

NERVE PULSES

Nerve1: Digit____, Med, Uln, Rad, Other____ Side: L,R Duration: ____ms Intensity: ____mA

Nerve2: Digit____, Med, Uln, Rad, Other____ Side: L,R Duration: ____ms Intensity: ____mA

Nerve3: Digit____, Med, Uln, Rad, Other____ Side: L,R Duration: ____ms Intensity: ____mA

Nerve4: Digit____, Med, Uln, Rad, Other____ Side: L,R Duration: ____ms Intensity: ____mA

Total N blocks: ____ N trials per block: ____ N pulses per trial: ____ Total pulses: _____

NOTES
