

Materials List for

Virtual Reality Tools for Assessing Unilateral Spatial Neglect: A Novel Opportunity for Data Collection

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jove.com/video/61951

Materials

Name	Company	Catalog Number	Comments
AirFilm Coil (AFC) Rapid Version	Magstim	N/A	Air-cooled TMS coil
Alienware 17 R4 Laptop	Dell	N/A	NVIDIA GeForce GTX 1060 (full specs at https://topics-cdn.dell.com/pdf/alienware-17-laptop_users-guide_en-us.pdf)
BrainSight 2.0 TMS Neuronavigation Software	Rogue Research Inc	N/A	TMS neural targeting software
CED 1902 Isolated pre-amplifier	Cambridge Electronic Design Limited	N/A	EMG pre-amplifier
CED Micro 401 mkII	Cambridge Electronic Design Limited	N/A	Multi-channel waveform data acquisition unit
CED Signal 5	Cambridge Electronic Design Limited	N/A	Sweep-based data acquisition and analysis software. Used to measure TMS evoked motor responses.
HTC Vive Binocular Add-on	Pupil Labs	N/A	HTC Vive, Vive Pro, or Vive Cosmos eye tracking add-on with 2 x 200Hz eye cameras.
Magstim D70 Remote Coil	Magstim	N/A	Hand-held TMS coil
Magstim Super Rapid 2 plus 1	Magstim	N/A	Transcranial Magnetic Stimulation Unit
Unity 2018	Unity	N/A	cross-platform VR game engine
Vive Pro	HTC Vive	N/A	VR hardware system with external motion sensors; 1440x1600 pixels per eye, 90 Hz refresh rate, 110° FoV