

Materials List for:

Non-Invasive Modulation and Robotic Mapping of Motor Cortex in the Developing Brain

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URL: <https://www.jove.com/video/59594>

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Materials

Name	Company	Catalog Number	Comments
1x1 SMARTscan Stimulator	Soterix Medical Inc.	https://soterixmedical.com/research/1x1/tdcs/device	
4x1 HD-tDCS Adaptor	Soterix Medical Inc.	https://soterixmedical.com/research/hd-tdcs/4x1	
Brainsight Neuronavigation	Roge Resolution	https://www.rogue-resolutions.com/catalogue/neuro-navigation/brainsight-tms-navigation/	
Carbon Rubber Electrode	Soterix Medical Inc.	https://soterixmedical.com/research/1x1/accessories/carbon-rubber-electrode	
EASYPad Electrode	Soterix Medical Inc.	https://soterixmedical.com/research/1x1/accessories/1x1-easypad	
EASYstraps	Soterix Medical Inc.	https://soterixmedical.com/research/1x1/accessories/1x1-easystrap	
EMG Amplifier	Bortec Biomedical	http://www.bortec.ca/pages/amt_16.htm	
HD1 Electrode Holder	Soterix Medical Inc.	https://soterixmedical.com/research/hd-tdcs/accessories/hd1-holder	Standard Base HD-Electrode Holder for High Definition tES (HD-tES)
HD-Electrode	Soterix Medical Inc.	https://soterixmedical.com/research/hd-tdcs/accessories/hd-electrode	Sintered ring HD-Electrode.
HD-Gel	Soterix Medical Inc.	https://soterixmedical.com/research/hd-tdcs/accessories/hd-gel	HD-GEL for High Definition tES (HD-tES)
Micro 1401 Data Acquisition System	Cambridge Electronics	http://ced.co.uk/products/mic3in	
Purdue Pegboard	Lafayette Instrument Company		
Saline solution	Baxter	http://www.baxter.ca/en/products-expertise/iv-solutions-premixed-drugs/products/iv-solutions.page	
Soterix Medical HD-Cap	Soterix Medical Inc.	https://soterixmedical.com/research/hd-tdcs/accessories/hd-cap	

TMS Robot	Axilum Robotics	http://www.axilumrobotics.com/en/	
TMS Stimulator and Coil	Magstim Inc	https://www.magstim.com/neuromodulation/	