

Materials List for:

A Human-machine-interface Integrating Low-cost Sensors with a Neuromuscular Electrical Stimulation System for Post-stroke Balance Rehabilitation

Deepesh Kumar¹, Abhijit Das², Uttama Lahiri¹, Anirban Dutta^{3,4}

¹Indian Institute of Technology Gandhinagar

²AMRI Institute of Neurosciences

³Institut national de recherche en informatique et en automatique (INRIA)

⁴Leibniz Research Centre for Working Environment and Human Factors (IfADo)

Correspondence to: Anirban Dutta at adutta@ieee.org

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Materials

Name	Company	Catalog Number	Comments
NMES stimulator	Vivaltis, France	PhenixUSBNeo	NMES stimulator cum EMG sensor (Figure 2b)
Balance Board	Nintendo, USA	Wii Balance Board	Balance Board (Figure 2b)
Motion Capture	Microsoft, USA	XBOX-360 Kinect	Motion Capture (Figure 2b)
Eye Tracker	Eye Tribe	The Eye Tribe	SmartEye Tracker (Figure 2a)
EEG Data Acquisition System	Emotiv, Australia	Emotiv Neuroheadset	Wireless EEG headset (Figure 2b)
EEG passive electrode	Olimex	EEG-PE	EEG passive electrode for EOG and references (6 in number) (Figure 2b)
EEG active electrode	Olimex	EEG-AE	EEG active electrode (10 in number) (Figure 2b)
Computer with PC monitor	Dell		Data processing and visual feedback (Figure 2)
Softwares, EMG electrodes, NMES electrodes, and cables			