

Materials List for:

Assessment and Communication for People with Disorders of Consciousness

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Materials

Name	Company	Catalog Number	Comments
g.USBamp	g.tec medical engineering GmbH	1	Biosignal amplifier
Power supply	GlobTek Inc.	1	Medical mains power supply for the g.USBamp
USB cable	g.tec medical engineering GmbH	1	Connects the g.USBamp to the computer
EEG electrodes gSCARABEO	g.tec medical engineering GmbH	16	Active EEG electrodes
EEG electrode gSCARABEOgnd	g.tec medical engineering GmbH	1	passive ground electrode
EEG electrode g.GAMMAearclip	g.tec medical engineering GmbH	1	active reference electrode
g.GAMMAbox	g.tec medical engineering GmbH	1	Connects the amplifier to the EEG electrodes
g.USBampGAMMAconnector	g.tec medical engineering GmbH	1	Connects the g.GAMMAbox to the g.USBamp
EEG cap	g.tec medical engineering GmbH	1	To position electrodes
Computer	Hewlett-Packard	1	To run the software. Alternatively computers from other manufacturers could be used.
g.VIBROstim	g.tec medical engineering GmbH	3	Tactors for sensory stimulation
Audio trigger adapter box	g.tec medical engineering GmbH	1	To split up the audio signal into audio commands for the headphones and trigger signals. This box connects to the amplifier.
Anti static wrist band	g.tec medical engineering GmbH	1	To suppress noise in the EEG
Trigger cable	g.tec medical engineering GmbH	1	To connect the audio trigger adapter box and the g.STIMbox to the g.USBamp
Audio connector cable	g.tec medical engineering GmbH	1	Audio cable to connect the audio trigger adapter box to the computer
Hardlock	g.tec medical engineering GmbH	1	To run the software
SE215-K	Shure Europe GmbH	1	Noise suppressing earphones. Alternatively other earphones could be used.
g.STIMbox	g.tec medical engineering GmbH	1	Driver box for tactile stimulators
mindBEAGLE software	g.tec medical engineering GmbH	1	software package
g.GAMMAgel	g.tec medical engineering GmbH	1	conductive electrode gel