

Materials List for

Bringing the Clinic Home: An At-Home Multi-Modal Data Collection Ecosystem to Support Adaptive Deep Brain Stimulation

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URL: <https://www.jove.com/video/65305>

DOI: [doi:10.3791/65305](https://doi.org/10.3791/65305)

Materials

Name	Company	Catalog Number	Comments
Analysis RCS Data Processing	OpenMind		https://github.com/openmind-consortium/Analysis-rcs-data , open-source
Apple Watches	Apple, Inc		Use 2 watches for each patient, one on each wrist
BRIO ULTRA HD PRO BUSINESS WEBCAM	Logitech	960-001105	Used 3 in our platform design
DaVinci Resolve video editing software	DaVinci Resolve		used to support camera calibration
Dell XPS PC	Dell		2T hard disk drive, 500GB SSD
Dropbox	Dropbox		
ffmpeg	N/A		open-source, install to run the Video Recording App
Gooseneck mounts for webcams	N/A		
GPU	Nvidia		A minimum of 8GB GPU memory is recommended to run OpenPose, 12GB is ideal
Java 11	Oracle		Install to run the Video Recording App
Microsoft Surface tablet	Microsoft		
NoMachine	NoMachine		Ideal when using a Linux OS, open-source
OpenPose	N/A		open-source
Rclone file transfer program	Rclone		Encrypts data and copies or moves data to offsite storage, open-source
StrivePD app	RuneLabs		We installed the app on the Apple Watches to start recordings and upload data to an online portal.
Summit RC+S neuromodulation system	Medtronic		For investigational use only
touchscreen-compatible monitor	N/A		

Video for Linux 2 API	The Linux Kernel		Install if using a Linux OS for video recording
Wasabi	Wasabi		Longterm cloud data storage
WireGuard VPN Protocol	WireGuard		open-source