

Materials List for:

Home-Based Monitor for Gait and Activity Analysis

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Materials

Name	Company	Catalog Number	Comments
ActiMyo Sensors	Sysnav	SF-000080	Wearable magneto-inertial sensors attached to the patient for movement recording
Helen Hayes marker set	Vicon	NA	Whole body jumpsuit with predefined Vicon's spots
OrthoTrak (Motion Analysis, Santa Rosa, CA, USA)	Motion Lab Systems		Gait analysis software
ActiGraph	ActiGraph Corp	GTM1	Activity monitor, used by researchers to capture and record continuous, high resolution physical activity and sleep/wake information
ActivTracer GMS LTD	GMS Co. Ltd Japan	AC-301A	Triaxial accelerometer
ADXL202E dual-accelerometer	Analog Devices	ADXL212AEZ	High precision, low power, complete dual axis accelerometer with signal conditioned, duty cycle modulated outputs, all on a single monolithic IC.
ENC-03J gyroscope	Murata Electronics	ENC-03J	Vibration Sensors
DynaPort MiniMod	MCROBERTS		Small and light case containing a tri-axial accelerometer, a rechargeable battery, an USB connection, and raw data storage on a MicroSD card
MM-2860 Sunhayato	Sunhayato	MM-2860	3-axis accelerometer
MicroStone MA3-10Ac	MA3-04AC	Microstone Co.	Acceleration sensors
RT3 Activity monitor	Abledata	NA	Triaxial accelerometer
Aparito	aparito	NA	Wearables and disease specific mobile apps to deliver patient monitoring outside of the hospital; Elin Davies, Aparito: https://www.aparito.com/
Docking station	Sysnav	SF-000118	
Sensor	Sysnav	SF-000080	
Bracelet (black/grey L) (black/grey S) (black/yellow L) (black/yellow S)	Sysnav	ZZ-000093 ZZ-000094 ZZ-000247 ZZ-000248	
Patient manual	Sysnav	FD-000086	
Ethernet cable (2 m max.)	Sysnav	IC-000458	
Power cable (EU)	Sysnav	ZE-000440 ZE-000441 ZE-000442	

(UK) (US)			
Power supply unit	Sysnav	ZE-000443	
Ankle strap	Sysnav	ZZ-000462	
Small bag	Sysnav	ZZ-000033	