

Materials List for:

Sit-to-stand-and-walk from 120% Knee Height: A Novel Approach to Assess Dynamic Postural Control Independent of Lead-limb

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Materials

Name	Company	Catalog Number	Comments
Motion Tracking Cameras	Qualysis (Qualysis AB Gothenburg, Sweden)	Oqus 300+	n= 8
Qualysis Track Manager (QTM)	Qualysis (Qualysis AB Gothenburg, Sweden)	QTM 2.9 Build No: 1697	Proprietary tracking software
Force Platform Amplifier	Kistler Instruments, Hook, UK	5233A	n= 4
Force Platform	Kistler Instruments, Hook, UK	9281E	n= 4
AD Converter	Qualysis (Qualysis AB Gothenburg, Sweden)	230599	
Light-Weight Wooden Walkway Section	Kistler Instruments, Hook, UK	Type 9401B01	n= 2
Light-Weight Wooden Walkway Section	Kistler Instruments, Hook, UK	Type 9401B02	n= 4
4 Point "L-Shaped" Calibration Frame	Qualysis (Qualysis AB Gothenburg, Sweden)		
"T-Shaped" Wand	Qualysis (Qualysis AB Gothenburg, Sweden)		
12 mm Diameter Passive Retro reflective Marker	Qualysis (Qualysis AB Gothenburg, Sweden)	Cat No: 160181	Flat Base
Double Adhesive Tape	Qualysis (Qualysis AB Gothenburg, Sweden)	Cat No: 160188	For fixing markers to skin
Height-Adjustable Stool	Ikea, Sweden	Svenerik	Height 43 - 58 cm with ~ 10cm customized height extension option at each leg
Circular (Disc) Pressure Floor Pad	Arun Electronics Ltd, Sussex, UK	PM10	305 mm Diameter, 3 mm thickness, 2 wire
Lower Limb Tracking Marker Clusters	Qualysis (Qualysis AB Gothenburg, Sweden)	Cat No: 160145	2 Marker clusters, lower body with 8 markers (n= 2)
Upper Limb Tracking Marker Clusters	Qualysis (Qualysis AB Gothenburg, Sweden)	Cat No: 160146	2 Marker clusters, lower body with 6 markers (n= 2)
Self-Securing Bandage	Fabrifoam, PA, USA		3" x 5'
Cycling Skull Cap	Dhb	Windslam	
Digital Column Scale	Seca	763 Digital Medical Scale w/ Stadiometer	
Measuring Caliper	Grip-On	Grip Jumbo Aluminum Caliper - Model no. 59070	24 in. Jaw
Extendable Arm Goniometer	Lafayette Instrument	Model 01135	Gollehon
Light Switch			Custom made

Visual3D Biomechanics Analysis Software	C-Motion Inc., Germantown, MD, USA	Version 4.87	
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