

Materials List for

A Standardized Method for Measurement of Elbow Kinesthesia

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Materials

Name	Company	Catalog Number	Comments
3/4 inch diameter PVC pipe	Charlotte Pipe		Pipe to be cut into lengths of: 30 inches/76.2 cm (x2); 8 inches/20.3 cm (x2); 44 inches/111.8 cm (x1); 32 inches/81.3 cm (x1).
3/4 inch diameter PVC pipe end caps (x3)	Charlotte Pipe		
3/4 inch diameter PVC tee (x1)	Charlotte Pipe		
45° PVC elbow (x1)	Charlotte Pipe		
90° PVC elbows (x2)	Charlotte Pipe		
Athletic tape	ЗМ		
Delsys acquisition software (EMGworks)	Delsys		
Double-sided tape	ЗМ		
Duct tape	ЗМ		Used to assist in removal of dead skin cells on participant's skin prior to EMG sensor placement.
Elbow Continuous Passive Motion (CPM) Machine	Artromot		Chattanooga Artromot E2 Compact Elbow CPM; Model 2038
Electrogoniometer	Biometrics, Ltd		
Flour sack dishcloths (x2)	Room Essentials		Fabric used for creation of visual screen.
Handheld external trigger switch	Qualisys		Trigger switch used for electrogoniometer event marking.
Hearing occlusion headphones	Coby		
Isopropyl alcohol	Mountain Falls		
Paper tape	ЗМ		
Ruler with inch markings	Westcott		
Standard height chair	KI		
String	Quality Park		Approximately 15 inches of string needed. String used for standardization of electrogoniometer placement.

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Trigno Goniometer Adapter	Delsys	
Trigno Wireless Electromyography Sensors	Delsys	
Washable marker	Crayola	
Washcloth	Aramark	Used in combination with isopropyl alcohol for cleaning participant's skin prior to EMG sensor placement.