

Materials List for:

# 3D Ultrasound Imaging: Fast and Cost-effective Morphometry of Musculoskeletal Tissue

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URL: <https://www.jove.com/video/55943>

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## Materials

Name	Company	Catalog Number	Comments
Ultrasound device (Technos MPX)	Esaote, Italy	NA	
Linear array probe (12.5 Mhz, 5 cm)	Esaote, Italy	NA	
Workstation (HP Z440)	HP, USA	<a href="http://www8.hp.com/us/en/workstations/z440.html">http://www8.hp.com/us/en/workstations/z440.html</a>	
Framegrabber (Canopus, ADV300)	Canopus, Japan	ADV300	
Motion Capture System (Certus)	NDI, Canada	<a href="http://www.ndigital.com/msci/products/optotrak-certus/">http://www.ndigital.com/msci/products/optotrak-certus/</a>	
Synchronisation device	VU, NL	Contact corresponding author	
Calibration frame	VU, NL	Contact corresponding author	
Thermometer	Greisinger, Germany	GTH 175/PT	
Examination table	NA	NA	Any examination table
Inclinometer	Lafayette instrument, USA	ACU001	
Adjustable Footplate	VU, NL	Contact corresponding author	
Torque wrench	VU, NL	Contact corresponding author	
Extendable rod	VU, NL	Contact corresponding author	
Goniometer (Golleson)	Lafayette instrument, USA	1135	
Triangular shaped beam	NA	NA	Made out a piece of stiff foam
Lashing straps	NA	NA	Any lashing strap
Surgical skin marker	NA	NA	Any surgical skin marker
Ultrasound transmission gel	Servoson	NA	A sticky gel type is recommended