

Materials List for:

Methods for *In Vivo* Biomechanical Testing on Brachial Plexus in Neonatal Piglets

Anita Singh¹, Rachel Magee¹, Sriram Balasubramanian²

¹Department of Biomedical Engineering, Widener University

²School of Biomedical Engineering, Science and Health Systems, Drexel University

Correspondence to: Anita Singh at asingh2@widener.edu

URL: <https://www.jove.com/video/59860>

DOI: [doi:10.3791/59860](https://doi.org/10.3791/59860)

Materials

Name	Company	Catalog Number	Comments
Omega Subminiature Tension & Compression Load Cell	Omega	LCM201-200N	200N load cell
Basler acA640-120uc camera	Basler	acA640-120uc	
Feedback Linear Actuator	Progressive Automations	PA-14P	10" stroke, 150lb force, 15mm/s speed
Motion Tracking Software	Kinovea	N/A	Open Source
Proramming Software - MATLAB	Mathworks	N/A	version 2018A
Surgical instruments			
Forceps	Fine Science Tools Inc	11006-12 and 11027-12 or 11506-12	
Hemostats	Fine Science Tools Inc	13009-12	
Scissors	Fine Science Tools Inc	14094-11 or 14060-09	