

Materials List for:

# Facial Nerve Axotomy in Mice: A Model to Study Motoneuron Response to Injury

Deborah N. Olmstead<sup>1,2</sup>, Nichole A. Mesnard-Hoaglin<sup>3</sup>, Richard J. Batka<sup>1,2</sup>, Melissa M. Haulcomb<sup>1,2</sup>, Whitney M. Miller<sup>1,2</sup>, Kathryn J. Jones<sup>1,2</sup>

<sup>1</sup>Anatomy and Cell Biology, Indiana University School of Medicine

<sup>2</sup>Research and Development Services, Richard L. Roudebush VA Medical Center

<sup>3</sup>Department of Anatomy and Cell Biology, University of Illinois, Chicago

Correspondence to: Kathryn J. Jones at [kjjones1@iupui.edu](mailto:kjjones1@iupui.edu)

URL: <https://www.jove.com/video/52382>

DOI: [doi:10.3791/52382](https://doi.org/10.3791/52382)

## Materials

Name	Company	Catalog Number	Comments
Stereo microscope	Leica	M60	
Labeling tape	Fisher Scientific	15-952	
Vannas-Tübingen spring scissors - straight/sharp/8.5 cm/5 mm cutting edge	Fine Science Tools	15003-08	Sterilize before use
Dumont #5/45 forceps - standard tips/angled 45°/Dumoxel/11 cm	Fine Science Tools	11251-35	Sterilize before use
Michel suture clips - 7.5 mm x 1.75 mm	Fine Science Tools	12040-01	Described as "wound clip" in protocol, sterilize before use
Hagenbarth cross action wound clip applier 5"	George Tiemann & Co	160-910	Used to apply wound clip, sterilize before use
Michel suture clip applicator & remover - For 7.5 mm clips	Fine Science Tools	12029-12	Used to remove wound clip
0.9% Sodium chloride injection, USP	Hospira	0409-4888-10	
Betadine, 16 oz, with dispenser	Fisher Scientific	19-027132	
70% Ethanol			
Glass bead sterilizer			