

Materials List for

Maintenance of a Lateral Fluid Percussion Injury Device

Anthony M. Farrugia², Samuelle A. S. Delcy^{2,3}, Brian N. Johnson¹, Akiva S. Cohen^{1,2}

¹Division of Neurology, Children's Hospital of Philadelphia ²Department of Anesthesiology, Perelman School of Medicine at the University of Pennsylvania

³Pharmacology Graduate Group, Perelman School of Medicine at the University of Pennsylvania

Corresponding Author

Akiva S. Cohen
cohen@chop.edu

Citation

Farrugia, A.M., Delcy, S.A.S., Johnson, B.N., Cohen, A.S. Maintenance of a Lateral Fluid Percussion Injury Device. *J. Vis. Exp.* (194), e64678, doi:10.3791/64678 (2023).

Date Published

April 21, 2023

DOI

10.3791/64678

URL

jove.com/video/64678

Materials

Name	Company	Catalog Number	Comments
2 - 10 mL syringes with Luer lock capability			Ensures that needle is secure and reduces possible leaks of fluid
Degassed fluid			Helps to reduce air bubble formation during injury procedure
Fluid Percussion Injury (FPI) device (Model 01-B)	Custom Designs & Fabrications Inc.	N/A	Injury device used to model TBI in rodents
Mild detergent			Allows to thoroughly clean the LFPI cylinder
Petroleum Jelly			Used as a water-repellent and protects LFPI device form rust
Teflon tape			Helps with tight seal of pipe joints on the LFPI device
*Materials other than the LFPI device can be purchased from any reliable company.			