

Materials List for:

In Vivo Imaging of Cerebrospinal Fluid Transport through the Intact Mouse Skull using Fluorescence Macroscopy

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URL: <https://www.jove.com/video/59774>

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Materials

Name	Company	Catalog Number	Comments
0.25% Bupivacaine HCl			University of Rochester Vivarium
100 µL Gastight Syringe Model 1710 TLL, PTFE Luer Lock	Hamilton Company	81020	
A-M Systems Dental Cement Powder	Fisher Scientific	NC9991371	
Carprofen			
Chlorhexidine			
CMOS Camera	Hammamatsu	ORCA Flash 4.0	
Head Plate	University of Rochester	No catalog #	Custom made at the machine shop at the University of Rochester
High-Temperature Cautery	Bovie Medical Corporation	AA01	
Insta-set Accelerator	Bob Smith Industries	BSI-151	
Isoflurane - Fluriso	Vet One	502017	University of Rochester Vivarium
Ketamine			Strong Memorial Hospital Pharmacy
Krazy Glue	Elmer's Products, Inc	No catalog #, see link in comments	https://www.amazon.com/Krazy-Glue-KG48348MR-Advance-Multicolor/dp/B000BKO6DG/ref=sr_1_13?ie=UTF8&qid=1547069638&sr=8-13&keyword=krazy+glue
Micropore Surgical tape	Fisher Scientific	19-027-761	
Paraformaldehyde	Sigma-aldrich	P6148	
PE10 - Polyethylene .011" x .024" per ft., 100 ft. continuous	Braintree Scientific	PE10 100 FT	
Pump 11 Elite Infusion Only Dual Syringe	Harvard Apparatus	70-4501	
PURALUBE VET OINTMENT	Dechra		
Puritan PurSwab Cotton Tipped Cleaning Sticks	Fisher Scientific	22-029-553	
Research Macro Zoom Microscope	Olympus	MX10	
Simple Head Holder Plate (for mice)	Narishige International USA Inc	MAG-1	
Single-use Needles, BD Medical	VWR	BD305106	
Sterile Alcohol Prep Pads	Fisher Scientific	22-363-750	
Tunable LED	PRIOR Lumen 1600-LED		

Xylazine			University of Rochester Vivarium
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