Materials List for:

Intraluminal Middle Cerebral Artery Occlusion (MCAO) Model for Ischemic Stroke with Laser Doppler Flowmetry Guidance in Mice

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URL: http://www.jove.com/video/2879/

Materials

Name	Type	Company	Catalog Number	Comments
Male C57BL/6 mice	Animal	Harlan Laboratories		20-26 grs
Dissection microscope	Microscope	Leica Microsystems		6.3:1 zoom
Fiber optic illuminator	Illuminator	TechniQuip Corp., Livermore, CA, USA	FO1€“150	
Isoflurane	Anesthesia	Baxter Internationl Inc.	1001936060	
SuperCut Iris scissor, straight	Surgical tool	World Precision Instruments, Inc.	14218	
Vannas micro-scissor, straight	Surgical tool	World Precision Instruments, Inc.	14003	
Dumont fine tip forceps	Surgical tool	World Precision Instruments, Inc.	503290	
Vessel clip	Surgical tool	World Precision Instruments, Inc.	14120	
High Frequency Desiccator 900	Surgical tool	World Precision Instruments, Inc.	500397	
7-0 surgical Nylon monofilament suture	Suture	Ethicon Inc.	1647G	Suture for occlusion
7-0 surgical Silk suture	Suture	Ethicon Inc.	7733G	Suture for ligation
Silicone RTV adhesive	Silicone rubber	World Precision Instruments, Inc.	1571	
Vetbond	Tissue adhesive	3M	70200746587	
Puralube Vet Ointment	Eye ointment	Pharmaderm Animal Health		
Buprenorphine hydrochlorode	Analgesics	Hospira Inc.	NDC 0409-2012-32	
Thermal Cautery Unit		World Precision Instruments, Inc.	501292	
PeriFlux System 5000	TCD flowmetry	Perimed		
BAT-12	Rectal thermometer	World Precision Instruments, Inc.	BAT-12R	
T/PUMP, TP600	Thermal blanket	Gaymar Industries		
2,3,5-triphenyltetrazolium chloride	Reagent	Sigma-Aldrich	T8877	
Mice brain matrix slicer	Brain slicer	Zivic Instruments	BSMAS001-1	

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