Materials List for:

Photothrombosis-induced Focal Ischemia as a Model of Spinal Cord Injury in Mice

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URL: https://www.jove.com/video/53161
DOI: doi:10.3791/53161

Materials

Name	Company	Catalog Number	Comments
Rose Bengal	Sigma-Aldrich	330000	20 mg/ml in sterile saline
C57BL/6J	Jackson lab	664	22 - 25 g
Ketamine	VEDCO	NDC-50989-996-06	100 mg/ml
Xylazine	VEDCO	NDC-50989-234-11	100 mg/ml
Betadine solution	Purdue	NDC-67618-150-01	10% povidone iodine topical solution
Normal saline	Abott Laboratories	04930-04-10	For diluting RB, anaesthesia and for preventing tissue from drying
Artificial tears ointment	Rugby	NDC-0536-6550-91	83% white petrolatum
Ethanol	Decon labs.Inc	2716	70% ethanol for disinfection
Metal halide lamp	EXFO, Canada	X-Cite 120 PC	Set power at 12%
Spring scissors	Fine Science Tool	15000-10	for minor dissection
Scissors (angled to side)	Fine Science Tool	14063-011	No. 3 handle
Standard scalpel	Fine Science Tool	10003-12	for removing muscle
Scalpel blade	Feather	2976	No. 10
Forceps (curved)	Fine Science Tool	11150-10	for holding tissue
Forceps (straight)	Fine Science Tool	11151-10	for holding tissue
Needle holder	Fine Science Tool	12002-12	for suturing
Tissue adhesive glue	3M Vetbond	1469SB	to adhere to edges of the cut skin
Monofilament polypropylene	USSC Sutures	VP-521	Size = 4-0 (for fascia)
Perma-hand silk	Ethicon	683G	Size = 4-0 (for skin)
Micro drill	Roboz Surgical Instrument Co. Inc.	RS-6300	with bone polishing drill bit
Laser doppler flowmeter	Moor Instruments	moorVMS-LDF1	for monitoring change in blood flow
Heating pad	Fine Science Tool	21052-00	to prevent hypothermia
Lab-Jack	Fisher scientific	14-673-50	4 x 4 in plate to adjust the height of the animal
X-Y gliding stage	Amscope	GT100	for positioning the animal under microscope

