

Pre-Chiasmatic, Single Injection of Autologous Blood to Induce Experimental Subarachnoid Hemorrhage in a Rat Model

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Materials

Name	Company	Catalog Number	Comments
16 G peripheral vein catheter	BD Venflon	393229	Needle shortened, distal 1 cm curved. Wings removed
Anesthesia bell/ chamber	Unknown		
Blood gas analyzer	Radiometer	ABL80	
Blood pressure (BP) monitor	Adinstruments	ML117	Connects to Powerlab
Curved forceps, 12 cm x 3	F.S.T	11001-12	For anesthesia
Cylindrical pillow, 28 cm x 4 cm	Homemade		Made from surgical towels
Data acquisition hardware	Adinstruments	ML870 Powerlab	
Data acquisition software	Adinstruments	LabChart 6.0	
Drill	KMD	1189	
Drill controller	Silfradent	300 IN	
Flexible light	Schott	KL200	
Heating pad	Minco	1135	
Hypodermic needle, 20 G	KD Medical	301300	Connects to stereotaxic frame
ICP monitor	Adinstruments	ML117	Connects to Powerlab
Isoflurane vaporizer	Ohmeda	TEC3	
Laptop	Lenovo	T410	
Laser doppler monitor	Adinstruments	ML191	
Laser doppler probe	Oxford Optronics	MSF100XP	Connects to laser doppler monitor
Needle holder, 13 cm	F.S.T	12001-13	For anesthesia
Precision syringe, 0.025 mL	Hamilton	547407	
Stereotaxic frame	Kopf Instruments	M900	
Surgical microscope	Carl Zeiss	F170	
Suture needle	Allgaier	1245	For anesthesia
Temperature controller	CWE, INC.	TC-1000	

Transducer x 2	Adinstruments	MLT0699	Connects to BP and ICP monitor
Ventilator	Ugo Basile	7025	
Veterinary clipper	Aesculap	GT421	
3-pronged Blair retractor, 13.5 cm	Agnthos	17022--13	
Blunt Alm retractor	F.S.T	17008-07	
Curved forceps, 12 cm x 2	F.S.T	11001-12	
Needle holder, 13 cm	F.S.T	12001-13	
Straight Dumont forceps, 11 cm	F.S.T	11252-00	
Straight Halsted-Mosquito hemostat x 2	F.S.T	13008-12	
Straight Iris scissor, 9 cm	F.S.T	14090-09	
Straight Vannas scissor, 10.5 cm	F.S.T	15018-10	
Absorbable swabs	Kettenbach	31603	
Black silk thread, 4-0, 5 x 15 cm	Vömel	14757	
Bone wax	Aesculap	1029754	
Carbomer eye gel 2 mg/g	Paranova		
Cotton swab	Heinz Herenz	WA-1	
Cotton tipped applicator x 4	Selefa	120788	
Hypodermic needle, 23 G x2	KD Medical	900284	Connects to stopcock. Remove distal end
Hypodermic needle, 23 G x3	KD Medical	900284	Remove distal end. 2 connects to stopcock, 1 to syringe
ICP probe:	Homemade		Made of the following:
Polythene tubing, 20 mm	Smiths medical	800/100/200	Inner diameter (ID): 0.58 mm, Outer diameter (OD): 0.96 mm.
Silicone tubing, 10 mm	Fisher	15202710	ID: 0.76 mm, OD: 2.4 mm.
Silicone tubing, 2 mm	Fisher	11716513	ID: 1.0 mm, OD: 3.0 mm.
Micro hematocrit tubes	Brand	7493 11	
OP-towel, 45 cm x75 cm	Mölnlycke	800430	
PinPort adapter, 22 G	Instech	PNP3F22	
PinPort injector	Instech	PNP3M	
Polythene tubing, 2 x 20 cm	Smiths medical	800/100/200	Connects to syringe. ID: 0.58 mm, OD: 0.96 mm.
Rubberband	Unknown		
Scalpel, 10 blade	Kiato	23110	
Spinalneedle, 25 G x 3.5"	Braun	5405905-01	
Stopcock system, Discifix x 2	Braun	16494C	Connects to transducer
Suture, 4-0, monofil, non-resorbable x 3	Ethicon	EH7145H	
Syringe, 1 mL	BD Plastipak	1710023	
Syringe, luer-lock, 10 mL x 4	BD Plastipak	305959	Connects to transducer
Tissue adhesive glue	3M	1469SB	
0.5% Chlorhexidine spirit	Faaborg Pharma	210918	
Carprofen 50 mg/mL	ScanVet	43715	Diluted 1:10
Isoflurane	Baxter		
Isotonic saline	Amgros	16404	
Lidocaine-Adrenaline 10 mg/5 µg/mL	Amgros	16318	