

Materials List for:

Modeling Stroke in Mice - Middle Cerebral Artery Occlusion with the Filament Model

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Materials

Name	Company	Catalog Number	Comments
Surgical scissors (skin cut)	Fine Science Tools	14028-10	
2 Dumont forceps (Medical #5 straight tip)	Fine Science Tools	11253-20	
Spring scissors (according to Vannas)	Fine Science Tools	15000-00	
Applying forceps for micro clamps	Fine Science Tools	00072-14	
Micro vascular clamp (e.g. S&G B1-V)	Fine Science Tools	00396-01	Also Serrefine possible
2 Hemostats according to Hartmann	Fine Science Tools	13002-10	
Needle holder (according Olsen-Hegar or other)	Fine Science Tools	12002-14	
Standard anatomical forceps (for wound closure)	Fine Science Tools	11000-12	
5/0 sutures	Suprama		for vascular ligatures
6/0 sutures	Suprama		for skin suture, 5/0 also possible
Lidocaine (e.g. Xylocain Gel 2%)	AstraZeneca		or other local pain relief
Dissecting microscope (stereo microscope), magnification 6x to max. 40x	Leica Zeiss	MZ6 Stemi2000C	
Cold light source	Leica Microsystems	KL1500	
Temperature feedback controlled heating pad system	Fine Science Tools	21052-00	With mouse pad and small probe
Anaesthesia system for isoflurane			
Isoflurane	Abott		
Veterinary Recovery Chamber	Peco Services	V1200	Heated cage
8.0 nylon filament	Suprama	TEL181005	for coating
Scalpel			For cutting filament in pieces
Ruler			To cut correct length of filament
Xantopren M Mucosa	Heraeus Instruments		
Activator Universal Plus	Heraeus Instruments		Optosil - Xantopren
2 Dumont forceps (Medical #5 straight tip)	Fine Science Tools	11253-20	
A soft underlay for storing and grasping the uncoated filaments			e.g. swabs, foam, ...
Receptacle for new build filaments			e.g. petri dish, flexible foam,...