

Materials List for:

A Closed-chest Model to Induce Transverse Aortic Constriction in Mice

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Materials

Name	Company	Catalog Number	Comments
Pressure-volume catheter	Millar Instruments, USA	SPR-839	
Mouse ventilator	Harvard Apparatus GmbH, Germany	Minivent - TYPE 845	
Mouse ventilator	Harvard Apparatus GmbH, Germany	Y-connection with intubation cannula OD 1.2mm 73-2844	
Vaporizer	Dräger Medical AG&CO.KG, Germany	19.3 Isofluran-Vaporizer (a newer version is available under catalog number D-877-2010)	
Microscope	Leica Microsystems, Germany	MZ 7.5	
Light source	Schott AG, Germany	KL 1500 LCD	
6-0 Prolene	Ethicon, USA	Polypropylene suture BV-1 9.3 mm 3/8c	suture for surgery
Seraflex	Serag Wiessner, Germany	USP 5/0 schwarz; IC108000	suture for constriction
Homoeothermic Controlled Operating Tables	Harvard Apparatus GmbH, Germany	Typ 872/3 HT with tripod stand and homoeothermic controller Type 874; 73-4233	
Flexible Rectal Probe	Harvard Apparatus GmbH, Germany	1.6 mm OD; 55-7021	
Doppler Signal Visualisation Instrument	Indus Instruments, USA	Doppler Signal Processing Workstation (DSWP) with 20MHz Pulsed Doppler Module	
Arruga Intracapsular Forceps	Altomed, UK	A5400	
Doppler Probe	Indus Instruments, USA	20MHz Tubing-mounted Probe	
Jaffe Lid Retractor	Altomed, UK	A3513	