

Materials List for

Implantation of Combined Telemetric ECG and Blood Pressure Transmitters to Determine Spontaneous Baroreflex Sensitivity in Conscious Mice

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Citation

Rötzer, R.D., Brox, V.F., Hennis, K., Thalhammer, S.B., Biel, M., Wahl-Schott, C., Fenske, S. Implantation of Combined Telemetric ECG and Blood Pressure Transmitters to Determine Spontaneous Baroreflex Sensitivity in Conscious Mice. *J. Vis. Exp.* (), e62101, doi:10.3791/62101 (2021).

Date Published

February 14, 2021

DOI

10.3791/62101

URL

jove.com/video/62101

Materials

Name	Company	Catalog Number	Comments
Acepromazine maleate (Tranquisol KH) Solution Injectable 0.5 mg/mL	CP-Pharma, Germany	1229	anesthesia
B.Braun Injekt-F 1 mL syringe	Wolfram Droh GmbH, Germany	9166017V	
Bepanthen eye and nose ointment	Bayer AG, Germany		
Blunt dissecting scissors	Fine Science Tools GmbH, Germany	14078-10	
Carprofen (Carprosol) 50 mg/mL	CP-Pharma, Germany	115	preemptive and post-operative pain relief
Cutasept F skin disinfectant	BODE Chemie GmbH, Germany	9803650	
Cotton Tipped Applicator sterile	Paul Boettger GmbH & Co. KG, Germany	09-119-9100	
Forceps - Micro-Blunted Tips	Fine Science Tools GmbH, Germany	11253-25	
Forceps - straight	Fine Science Tools GmbH, Germany	11008-13	
Gauze swabs with cut edges, 7.5x7.5 cm, cotton	Paul Hartmann AG, Germany	401723	
HD?X11, Combined telemetric ECG and BP transmitters	Data Sciences International, United States		
Homothermic blanket system with flexible probe	Harvard Apparatus, United States		
Hot bead sterilizer	Fine Science Tools GmbH, Germany	18000-45	
Ketamine 10%	Ecuphar GmbH, Germany	799-760	anesthesia
Magnet	Data Sciences International, United States		transmitter turn on/off
Needle holder, Olsen-Hegar with suture cutter	Fine Science Tools GmbH, Germany	12502-12	
Needle single use No. 17, 0.55 x 25 mm	Henke-Sass Wolf GmbH, Germany	4710005525	24 G needle

Needle single use No. 20, 0.40 x 20 mm	Henke-Sass Wolf GmbH, Germany	4710004020	27 G needle
Needle-suture combination, sterile, absorbable (6-0 USP, metric 0.7, braided)	Resorba Medical, Germany	PA10273	lead fixation
Needle-suture combination, sterile, silk (5-0 USP, metric 1.5, braided)	Resorba Medical, Germany	4023	skin closure
OPMI 1FR pro, Dissecting microscope	Zeiss, Germany		
Pilca depilatory mousse	Werner Schmidt Pharma GmbH, Germany	6943151	
PVP-Iodine hydrogel 10%	Ratiopharm, Germany		
Ringer's lactate solution	B. Braun Melsungen AG, Germany	401-951	
Sensitive plasters, Leukosilk	BSN medical GmbH, Germany	102100	surgical tape
Sodium chloride solution 0.9% sterile Miniplasco Connect 5 ml	B. Braun Melsungen AG, Germany		
Surgibond tissue adhesive	SMI, Belgium	ZG2	
Suture, sterile, silk, non-needled (5-0 USP, metric 1 braided)	Resorba Medical, Germany	G2105	lead preparation, ligation sutures
Trimmer, Wella Contura type 3HSG1	Procter & Gamble		
Vessel Cannulation Forceps	Fine Science Tools GmbH, Germany	18403-11	
Xylazine (Xylarium) 2%	Ecuphar GmbH, Germany	797469	anesthesia
Data acquisition and analysis	Source		
DSI Data Exchange Matrix	Data Sciences International, United States		
DSI Dataquest ART 4.33	Data Sciences International, United States		data acquisition software
DSI Ponemah	Data Sciences International, United States		data acquisition software
DSI PhysioTel HDX-11 for mice	Data Sciences International, United States		
DSI PhysioTel receivers RPC1	Data Sciences International, United States		
ecgAUTO v3.3.5.11	EMKA Technologies		ECG and BP analysis software
Microsoft Excel	Microsoft Corporation, United States		