

Materials List for:

Adaptation of Microelectrode Array Technology for the Study of Anesthesia-induced Neurotoxicity in the Intact Piglet Brain

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Materials

Name	Company	Catalog Number	Comments
Advance Liqui-Wean Pig Milk Replacer	PBS Animal Health	292-13	
Piglet Anesthesia Face-Cone Mask	VetEquip	921428	
Integra SL Anesthesia Workstation	DRE Veterinary	2350	This anesthesia workstation is chosen to best mimic the clinical monitoring experienced by pediatric patients in the operating room. Any anesthesia machine can be used as long as it allows for sufficient physiologic monitoring and intervention.
Sevoflurane	Ultane	0074-4456-04	
Rocuronium Bromide Injection	Hospira	0409-9558-05	
Medfusion 4000 IV Infusion	Smiths Medical		
Model 1530 Heavy-Duty Research Model Stereotax	Kopf		custom made
Model 1541 Piglet Adaptor	Kopf		custom made
Infrared Spot Lamp	Amazon	B000HHQ94C	
Bair Hugger Torso Blanket	3M	540	
Bair Hugger	3M	750	
Sterile Alcohol Prep Pad	Fisherbrand	22-363-750	
Carbon Steel Rib-Back Surgical Blade	Bard-Parker	#10	
Scalpel Handel	Havel's	HAN-G4	
Surgical Scissors	World Precision Instruments	504615	
Mosquito Forceps	Sklar Surgical Instruments	17-1225	
Gauze Pads	Fisherbrand	22-246-069	
Adson Tissue Forceps	Teleflex	181223	
Dremel 111 Engraving Cutter	Amazon	Dremel 111	
Microelectrode Array	Center for Microelectrode Technology, University of Kentucky		S2 4Ch MEA; custom made
Headstage	Quanteon		2pA/mV
Wire, silver, PFA, .008" Bare, .0110" coated	A-M Systems	786500	

Fine Micromanipulator	Narishige Scientific Instrument Lab	MO-8	
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