

Materials List for:

Use of a Wireless Video-EEG System to Monitor Epileptiform Discharges Following Lateral Fluid-Percussion Induced Traumatic Brain Injury

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Materials

Name	Company	Catalog Number	Comments
1.00 mm Drill Bits	Drill Bit City: New Carbide Tools	05M200	
3M ESPE Durelon Carboxylate Cement	3M , Neuss Germany	38019	Dental Cement
4-0 Suture	Ethicon, Sommerville, NJ	K831H	4-0 Ethicon Perma-hand Silk, 26mm 1/2c Taperpoint, 30" (75cm), Black Braided non-absorbable suture
5 mm outer diameter trephine	Fine Science Tools	18004-50	
Bonewax	Medline Industries, Mendelcin, IL	REF DYNJBW25	
Buprenorphine HCL, Injection (0.3 mg/mL) 1 mL vial	Par Pharmaceutical, Chestnut Ridge NY	3003706	NDC 42023-179-01
Dumont #6 Forceps	Fine Science Tools	11260-20	
Dumont #7b Forceps	Fine Science Tools	11270-20	
ecgAUTO	EMKA Technologies, Falls Church, VA		
Female Luer Thread Style Coupler Clear Polycarbonate	Cole-Palmer instrument	SKO#45501-22	Order lot #214271
Foot Power Drill	Grobet USA, Carlstadt, NJ	Model C-300	
GentaMax 100 (Gentamicin, Sulfate Solution)	Phoenix, Manufactured by Clipper Distributing Company LLC, St. Joseph, MO		NDC 57319-520-05
Hill's Prescription Diet a/d Canine/ Feline	Hill's Pet Nutrition, Inc. , Topeka, KS		
IOX2 Software	EMKA Technologies, Falls Church, VA		
Isoflorane, USP	Piramal Enterprise Limited, Andhra, India		NDC 66794-013-25
IsoTech Anesthesia machine	SurgiVet	WWW9000	
Lateral FPI device	AmScien	302	curved tip, with pressure tubing extension. connected via screw lock connector (Cole-Palmer; #4550-22)
Leica A60 Stereomicroscope	Leica Biosystems, Richmond, VA	PN: 10 450 488	
Marcaine (0.5%) Bupivacaine hcl injection usp 5 mg/mL	Hospira, Lake Forest, IL	CA-3627	50mL multiple dose vial; NDC 0409-1610-50
Micro-Adson Forceps	Fine Science Tools	11018-12	
Olsen-Hegar Needle Holders with Suture Cutters	Fine Science Tools	12002-14	

PALACOS R+G bone cement with gentamicin	Heraeus,	REF: 5036964	Radiopaque bone cement containing 1 x 0.5g Gentamicin
Physio Suite	Kent Scientific, Torrington, CT		
Povidone-iodine solution			Betadine
Puralube Vet Ointment	Dechra Veterinary Products, Overland Park KS		NDC 17033-211-38
Scalpel blade (#10) and holder	Integra Miltex, York, PA	REF: 4-110	
Scalpel Handle - #4	Fine Science Tools	10004-13	
Sickle Knife	Bausch + Lomb Storz Instruments	N1705 HM	5mm curved blade. Round handle. Overall length 168mm, 6.6 inches.
Silverstein Micro Mirror	Bausch + Lomb Storz Instruments	N1706 S8	3mm diameter. Angled 45 degrees. Overall length 180mm, 7.2 inches
Storage NAS	Synology Inc.	DS3615xs	
Synology Assistant	Synology Inc.		
Thermal Cautery Unit	Geiger Medical Technology, Delasco Council Bluffs, IA	Model NO: 150	
Vetivex	Dechra Veterinary Products, Overland Park KS		Veterinary pHyLyte™ Injection pH 7.4 (Multiple Electrolytes Injection, Type 1, USP)
Video Cameras	TRENDnet, Torrance, CA	TV-IP314PI	Indoor/Outdoor 4MP H.265 WDR PoE IR Bullet Network Camera
Video NAS	Synology Inc.	DS916	
Wistar IGS rats	Charles River	strain code 003	12 wk old at the time of injury
Wullstein Retractor	Fine Science Tools	17018-11	