

Materials List for:

Development of an Algorithm to Perform a Comprehensive Study of Autonomic Dysreflexia in Animals with High Spinal Cord Injury Using a Telemetry Device

David Popok¹, Christopher West¹, Barbara Frias¹, Andrei V. Krassioukov^{1,2}

¹International Collaboration on Repair Discoveries (ICORD), Faculty of Medicine, University of British Columbia

²Department of Medicine, Division of Physical Medicine and Rehabilitation, University of British Columbia, GF Strong Rehabilitation Centre

Correspondence to: David Popok at davidpopok@gmail.com

URL: <https://www.jove.com/video/52809>

DOI: [doi:10.3791/52809](https://doi.org/10.3791/52809)

Materials

Name	Company	Catalog Number	Comments
11 Male Wistar Rats -Hsd-WI (250-300g)	Envigo (formerly Harlan Laboratories)	141	
Lab Chart (PowerLab® Data Acquisition System)	AD Instruments		
Pressure Telemeter	Millar Inc.	RP-TRM54P	
Configurator	Millar Inc.	TR190	
SmartPad	Millar Inc.	TR180	
Isoflurane (Aerrane)	Baxter Corp.	DIN: 02225875	
Enrofloxacin (Baytril)	Bayer Healthcare	DIN: 02169428	
5-0 Silk Sutures	Ethicon	S182	
4-0 Vicryl Subcuticular	Ethicon	J496G	
Buprenorphine (Temgesic)	Reckitt Benckiser	DIN: 0281250	
Bupivacaine Hydrochloride (Marcaine 0.5%)	Hospira Healthcare Corp.	DIN: 02305909	
Ketoprofen (Anafen)	Merial	DIN: 02150999	
Ketamine Hydrochloride (Vetalar)	Bioniche	DIN: 01989529	
Dexmedetomidine Hydrochloride (Domitor)	Pfizer	DIN: 02333929	
Lactated Ringer's Solution	Braun Medical Inc.	DIN: 01931636	
Gelfoam #12	Pharmacia & Upjohn Company	03603-14-1	
Microscissors	Fine Science Tools	15003-008	
Iris Spatulae	Fine Science Tools	10094-13	
10 French 35 cm Foley Catheter	Coloplast	AA6110	
Dietgel®	Clear H2O, Westbrook, ME	76A	
LabDiet Rodent Diet 5001	Purina Mills (PMI®)	5001	
Chlorhexadine (Hibitane)	Wyeth Animal Health, Guelph, Ontario	DIN 00245097	
Atipamezole Hydrochloride(Antisedan)	Orion Pharma	DIN: 02237744	