

## Materials List for

# Minimally Invasive Murine Laryngoscopy for Close-Up Imaging of Laryngeal Motion during Breathing and Swallowing

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## Materials

Name	Company	Catalog Number	Comments
Atipamezole	Zoetis	Antisedan; 5 mg/mL	Parsippany-Troy Hills, NJ
Bioamplifier	Warner Instrument Corp.	DP-304	Hamden, CT
Concentric EMG needle electrode	Chalgren Enterprises, Inc.	231-025-24TP; 25 mm x 0.3 mm/30 G	Gilroy, CA
Cotton tipped applicator (tapered)	Puritan Medical Products	REF 25-826 5W	Guilford, ME
Data Acquisition System	ADInstruments	PowerLab 8/30	Colorado Springs, CO
DC Temperature Control System - for endoscopy platform	FHC, Inc.	40-90-8D	Bowdoin, ME
Electrophysiology recording software	ADInstruments	LabChart 8 with video capture module	Colorado Springs, CO
Endoscope monitor	Karl Storz Endoscopy-America	Storz Tele Pack X monitor	El Segundo, CA
Glycopyrrolate	Piramal Critical Care	NDC 66794-204-02; 0.2 mg/mL	Bethlehem, PA
Ground electrode	Consolidated Neuro Supply, Inc.	27 gauge stainless steel, #S43-438	Loveland, OH
Isoflurane induction chamber	Braintree Scientific, Inc.	Gas Anesthetizing Box - Red	Braintree, MA
Ketamine hydrochloride	Covetrus North America	NDC 11695-0703-1, 100 mg/mL	Dublin, OH
Metal spatula to decouple epiglottis and velum	Fine Science Tools	Item No. 10091-12;	Foster City, CA
Micro-brush to remove food/secretions from oral cavity	Safeco Dental Supply	REF 285-0023, 1.5 mm	Buffalo Grove, IL
Mouse-size heating pad for endoscopy platform	FHC, Inc.	40-90-2-07 – 5 x 12.5 cm Heating Pad	Bowdoin, ME
Ophthalmic ointment (sterile)	Allergan, Inc.	Refresh Lacri-lube	Irvine, CA
Otoscope	Karl Storz	REF 1232AA	El Segundo, CA
Pneumogram Sensor	BIOPAC Systems, Inc.	RX110	Goleta, CA
Pulse oximetry - Vetcorder Pro Veterinary Monitor	Sentier HC, LLC	Part No. 710-1750	Waukesha, WI
Rat-size heating pad for endoscopy platform	FHC, Inc.	40-90-2 – 12.5X25cm Heating Pad	Bowdoin, ME
Sterile needles for drug injections	Becton, Dickinson and Company	REF 305110, 26 G x 3/8 inch, PrecisionGlide	Franklin Lakes, NJ
Sterile syringes for drug injections	Becton, Dickinson and Company	REF 309628; 1 mL, Luer-Lok tip	Franklin Lakes, NJ
Surgical drape to cover induction cage for dark environment	Covidien LP	Argyle Surgical Drape Material, Single Ply	Minneapolis, MN

Surgical tape to secure pneumograph sensor to abdomen	3M Health Care	#1527-0, 1/2 inch	St. Paul, MN
Transparent blanket for thermoregulation	The Glad Products Company	Press'n Seal Cling Film	Oakland, CA
Video editing software	Pinnacle Systems, Inc.	Pinnacle Studio, v24	Mountain View, CA
Water circulating heating pad - for anesthesia induction/recovery station	Adroit Medical Systems	HTP-1500 Heat Therapy Pump	Loudon, TN
Xylazine	Vet One	NDC 13985-701-10; Anased, 100 mg/mL	Boise, ID