

Materials List for:

Catheterization of Intestinal Loops in Ruminants

Richard R. E. Uwiera¹, John P. Kastelic², G. Douglas Inglis²

¹Department of Agricultural, Food and Nutritional Science, University of Alberta

²Agriculture and Agri-Food Canada, Lethbridge Research Centre, Lethbridge

Correspondence to: Richard R. E. Uwiera at richard.uwiera@ualberta.ca

URL: <https://www.jove.com/video/1301>

DOI: [doi:10.3791/1301](https://doi.org/10.3791/1301)

Materials

Name	Company	Catalog Number	Comments
Surgical gloves	Western Drug Distribution Center, Ltd.	103091	
Surgical mask	Western Drug Distribution Center, Ltd.	MAX53013	
Surgical gown	The Veterinary Medication Distribution Center Inc., St. Hyacinthe, QE	3365	
OB Apron	Western Drug Distribution Center, Ltd.	900062	
Surgical cap	Western Drug Distribution Center, Ltd.	903271	
EZ Scrub brush	Western Drug Distribution Center, Ltd.	BDC377479	
Anesthetic machine	Boyle	-	
Sodasorb	Western Drug Distribution Center, Ltd.	108638	
Laryngoscope	Western Drug Distribution Center, Ltd.	-	
Laryngoscope blade (Miller blade #4)	Western Drug Distribution Center, Ltd.	902667	
Endotracheal tube (7.0 - 8.5 mm)	Western Drug Distribution Center, Ltd.	-	
Lidocaine endotracheal spray	Western Drug Distribution Center, Ltd.	103364	
Acepromazine	Western Drug Distribution Center, Ltd.	AUS01020	
Glycopyrrolate	Western Drug Distribution Center, Ltd.	SAB2880	
Butorphanol tartrate	Western Drug Distribution Center, Ltd.	AYE304541	
Diazepam	Western Drug Distribution Center, Ltd.	sab790	
Thiopental sodium	Western Drug Distribution Center, Ltd.	103508	
Epinephrine hydrochloride	Western Drug Distribution Center, Ltd.	103856	
Doxapram	Strathcona Pharmacy	-	
Isoflurane	Western Drug Distribution Center, Ltd.	100339	
Hemostam	Western Drug Distribution Center, Ltd.	103857	

Flunixin	Western Drug Distribution Center, Ltd.	sch140100	
Enrofloxacin	Western Drug Distribution Center, Ltd.	hll0049	
Metronidazole	Western Drug Distribution Center, Ltd.	101653	
Ampicillin	Western Drug Distribution Center, Ltd.	NOV67185-6	
Cefazolin	Western Drug Distribution Center, Ltd.	nov69397	
Electroscapel	Macan	MV8	
Heating mat	Kane	PHMD-48	
Stomach tube (Nalgene tubing 5/16" ID)	Fisher Scientific	-	
Needle driver	Western Drug Distribution Center, Ltd.	108338	
Addison brown forcep	Western Drug Distribution Center, Ltd.	911075	
Rat tooth forcep	The Veterinary Medication Distribution Center Inc., St. Hyacinthe, QE	5275	
Kelly forcep	Western Drug Distribution Center, Ltd.	901133	
Mosquito hemostat	Western Drug Distribution Center, Ltd.	108471	
Carmalt forcep	Western Drug Distribution Center, Ltd.	901225	
Scalpel handle	Western Drug Distribution Center, Ltd.	900285	
Scalpel blade #22	Western Drug Distribution Center, Ltd.	900511	
Metzenbaum scissor	Western Drug Distribution Center, Ltd.	901166	
Sharp-sharp scissor	Western Drug Distribution Center, Ltd.	108264	
Towel clamp	Western Drug Distribution Center, Ltd.	901213	
Allis tissue forcep	Western Drug Distribution Center, Ltd.	901201	
Doyen's forcep	Western Drug Distribution Center, Ltd.	904226	
Stainless steel bowl	Western Drug Distribution Center, Ltd.	903601	
Stainless steel trocar (curved)	Local Supplier	-	
Catheter introducer	Western Drug Distribution Center, Ltd.	11440	
Surgical towel	The Veterinary Medication Distribution Center Inc., St. Hyacinthe, QE	7972	
Disposable drape	Western Drug Distribution Center, Ltd.	900035	
Steri drape	The Veterinary Medication Distribution Center Inc., St. Hyacinthe, QE	2323	

Drape (40 x 40 cm)	The Veterinary Medication Distribution Center Inc., St. Hyacinthe, QE	8358	
Surgical drape (7" x 11 ¼" opening)	The Veterinary Medication Distribution Center Inc., St. Hyacinthe, QE	2694	
Vicryl (2-0)	Western Drug Distribution Center, Ltd.	JJM333H	
Silk 2-0	Western Drug Distribution Center, Ltd.	105248	
Catgut #3	Western Drug Distribution Center, Ltd.	CSL547-2070	
Supramid #1	Western Drug Distribution Center, Ltd.	CSL547-3040	
Needles (cutting and non-cutting)	Western Drug Distribution Center, Ltd.	-	
Silastic tubing (0.040" ID, 0.085" OD)	Fisher Scientific	11-189-15D	
Orbeseal ointment	Western Drug Distribution Center, Ltd.	106344	
Clear silicone (732 multi-purpose sealant)	Local Supplier	-	
Blunt end needle	Western Drug Distribution Center, Ltd.	905035	
Marker (permanent industrial)	Local Supplier	-	
Catheter pouch (constructed of Elastoplast 7.5 cm)	Western Drug Distribution Center, Ltd.	104094	
Hospital tape (2")	Western Drug Distribution Center, Ltd.	103842	
Hospital tape (1")	Western Drug Distribution Center, Ltd.	VLMREN20	
Gauze sponge 4x4	Western Drug Distribution Center, Ltd.	107551	
Gauze cling	Western Drug Distribution Center, Ltd.	107633	
Elastoplast 7.5cm	Western Drug Distribution Center, Ltd.	104094	
Elastoplast rippable bandage	Western Drug Distribution Center, Ltd.	104093	
Syringe (60 ml)	Western Drug Distribution Center, Ltd.	104004	
Syringe (10 ml)	Western Drug Distribution Center, Ltd.	bdc301604	
25G Needle	Western Drug Distribution Center, Ltd.	BDC305122	
20G Needle	Western Drug Distribution Center, Ltd.	BDC305175	
18G Needle	Western Drug Distribution Center, Ltd.	903353	
Intracath IV catheter (16G 8")	Western Drug Distribution Center, Ltd.	bdc3831621	
IV administration set (10 drop)	Western Drug Distribution Center, Ltd.	101797	
0.9% NaCl solution	Western Drug Distribution Center, Ltd.	BAXJB1322P	

Plasmalyte 148 solution	Western Drug Distribution Center, Ltd.	BAXJB2534	
Dextrose	Western Drug Distribution Center, Ltd.	MCT60190	
Peristaltic pump	Cole-Parmer	7524-10	
Livestock identification tag cement	Local Supplier	-	
Germex solution	Western Drug Distribution Center, Ltd.	mtc60270	
Isopropyl alcohol	Western Drug Distribution Center, Ltd.	104590	
Stanhexidine cleanser	Western Drug Distribution Center, Ltd.	109248	
Prepodyne solution	Western Drug Distribution Center, Ltd.	105710	
Prepodyne scrub	Western Drug Distribution Center, Ltd.	105711	