

Materials List for

A Large Animal Model for Acute Kidney Injury by Temporary Bilateral Renal Artery Occlusion

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Materials

Name	Company	Catalog Number	Comments
0.9% sodium chloride injection, usp, 100 ml viaflex plastic container	Baxter	2B1302	For animal hydration
Agent contrast 100.0ml injection media btl ioversal 74%	CARDINAL HEALTH	133311	For visualizing the vasculature
Bard Bardia Closed System Urinary Drainage Bag	BARD Inc	802001	For urine collection
BD Vacutainer K2 EDTA	BD	367841	For blood sample storage
BD Vacutainer Lithium Heparin	BD	366667	For blood sample storage
Betadine	Henry Schein	6906950	For skin disinfection
Bookwalker retractor	Codman		For skin retraction
Bupivacaine 0.25%	Hospira		Administer at incision site for analgesia
Buprenorphine SR	Zoo Pharm		10mg/ml bottle, Dose: 0.2mg/kg SC
Cath angio 5.0 Fr x100.0 cm 0.038 in JR4	MERIT MEDICAL SYSTEM INC	7523-21	For identification of the renal arteries
Cuffed endotracheal tube	Emdamed		To establish a secure airway for the duration of the operation
EKG Medtronics- Physiocontrol LifePak 20 Oxygen saturation monitor	GE Healthcare Madison WI		For oxygen saturation monitoring
Encore 26 inflator	BOSTON SCIENTIFIC	710113	For inflating the balloon catheters
Ethanol 95% (Ethyl alcohol)	Henry Schein		For skin disinfection
Fentanyl patch	Mylan		Dose: 25-50mcg/hr, TD
Gold silicone coated Foley	TELEFLEX MEDICAL INC	180730160	For urine collection
Heparin sodium	LEO Pharma A/S		Dose: 200 IU/kg IV
i33 ultrasound machine	Phillips		Use ultrasonographic guidance for femoral catheterization if necessary
Inqwire diagnostic guide wire - 0.035" (0.89 mm) - 260 cm (102") - 1.5 mm j-tip	MERIT MEDICAL SYSTEM INC	6609-33	For guiding the balloon catheters to the renal arteries

Intravenous catheter, size 20 gauge	Santa Cruz Biotechnology	Inc SC-360097	For fluid administration
Isoflurane	Patterson Veterinary Supply, Inc.	21283620	Dose: 3%, INH
Metzenbaum blunt curved 14.5 cm - 5(3/4)"	Rudolf Medical	RU-1311-14M	For tissue dissection and cutting
Neonatal disposable transducer kit with 30ml/hr flush device and double 4-way stopcocks for continuous monitoring	Argon Medical	041588505A	For pressure measurement
Powerflex pro PTA dilatation catheter 6 x 20 mm - shaft length (135cm)	CARDINAL HEALTH	4400602X	For occlusion of the renal arteries
Pressure monitoring lines mll/ml - 12" clear, mll/ml	Smiths Medical	B1571/MX571	For pressure measurement
Procedure pack	Molnlycke Health Care	97027809	Surgical drape, gauze pads, syringes, beaker etc
Protamine	Henry Schein	1044148	For heparin reversal
Scalpel blade - size #10	Cardinal Health (Allegiance)	32295-010	For the skin incisions
Stopcock iv 4 way lrg bore rotg male ll adptr strl	Peoplesoft	1550	For connecting tubings
Straight lateral retractor	Codman		For skin retraction
Suture perma hnd 18in 2-0 braid silk blk	CARDINAL HEALTH 1	A185H	For suturing incision site and securing catheters
Syringe contrast injection 10ml fixed male luer red	MERIT MEDICAL SYSTEM INC	MSS111-R	To administer the contrast agent
Syringe medical 60ml ll plst strl ltx free disp	CARDINAL HEALTH 1	BF309653	For urine collection and flushing of the angiocath
Tilzolan (tiletamine/zolazepam)	Patterson Veterinary Supply, Inc.	07-893-1467	Dose: 4-6 mg/kg, IM
Xylazine	Putney, INC		Dose: 1.1-2.2 mg/kg, IM