

Materials List for:

A Chronic Cardiac Ischemia Model in Swine Using an Ameroid Constrictor

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Materials

Name	Company	Catalog Number	Comments
Anesthesia: ketamine	Putney, INC		Dose: 25mg/kg, IM
Anesthesia: midazolam	App Pharmaceuticals		Dose: 0.75mg/kg, IM
Anesthesia: isoflurane	Baxter		Dose: 1-3%, INH
Antibiotics: amoxicillin and clavulanate potassium	WG Critical Care		Dose: 15mg/kg, IV
Antibiotics: piperacillin and tazobactam	Fresenius Kabl		Dose: 100mg/kg, PO
Analgesia: buprenorphine (sustained release)	Zoo Pharm		10mg/ml bottle, Dose: 0.2mg/kg SC
Analgesia: fentanyl patch	Mylan		Dose: 25-50mcg/hr, TD
Analgesia: bupivacaine 0.25%	Hospira		Give SC at incision site for analgesia
Alcohol 70%	Humco	NDC 0395-4202-28	for scrubbing surgical site
Chlorhexidine scrub 2%	Vet One	510083	for scrubbing surgical site
Datex-Ohmeda Aestiva /5 anesthesia machine	GE Healthcare Madison WI.		
Pediatric anesthesia circuit	Westmed	7-8901	www.westmedinc.com
Water blanket	Cincinnati Sub Zero	Blanketrol 2	
EKG	Medtronics- Physiocontrol	LifePak 20	
Oxygen saturation monitor	GE Healthcare Madison WI.		
Temperature probe	GE Healthcare Madison WI.		
Electrical cautery unit	Valley Labs	Force 2	Cut-30 Coag-40
Endotracheal tube	Hudson RCI	HUD510312	Hudson brand - appropriate size for animal
Intravenous catheter, size 20 gauge	Santa Cruz Biotechnology, Inc	SC-360097	Fluid and drug administration
Lactated Ringers Solution	Hospira	NDC 0409-7953-03	
Macro IV drip set 15 drops/ml	Hospira	12672-28	
Surgical gowns	Kimberly Clark	90142	
Utility drapes	Kimberly Clark	89731	
Adult laparotomy drape	Medline	DYNJP3004	
Sterile surgical gloves	Cardinal Health (Allegiance)	22537-570	Size 7 - use appropriate size for surgeon
Needle mat - sterile	Medline	NC30MBR	
Cautery pencil	Medline	ESPB 2000	
Suction tubing	Medline	DYND50251	
Suction tip; Yankauer	Medline	DYND50130	

Suction cannister	Cardinal Health (Allegiance)	65651-220	
Ameroid constrictors sizes 2.5mm -3.5mm	Research Instruments SW, Inc.	760-764-9411	Types: Stainless steel, titanium, or plastic
3-way stopcock	Cardinal Health (Allegiance)	455991	For chest tube
Stomach tube - 18 Fr	Cardinal Health (Allegiance)	DC4418	For chest tube
60cc syringe	Cardinal Health (Allegiance)	SY35060LL	For chest tube
3cc syringe	Cardinal Health (Allegiance)	SY35003LL	For post-op analgesia injection
Skin stapler - 35W	Ethicon Endo-Surgery	PMW 35	skin closure
Scalpel blade - size #10	Cardinal Health (Allegiance)	32295-010	
Mini silicone vessel loops 1 Pak	Aspen Surgical	011001PBX	for elevating circumflex artery to apply ameroid
1 (polypropylene) taper	Ethicon	BB #8425H	close ribs
2-0 (polypropylene) taper	Ethicon	SH #8523	close muscle layers
4-0 (polypropylene) taper	Ethicon	BB #8581H	close pericardium
20 gauge needle	Cardinal Health (Allegiance)	81-200219	post-op analgesia injection
antimicrobial drape	3M	6640EZ	
Finochietto rib retractor - infant size	Codman	50-8057	
Potts-Smith scissors	Roboz	RS-6043	
Babcock forceps	Roboz	RS-8022	
Pean hemostatic forceps curved	Codman	30-4565	
scalpel handle #7	Codman	11-5534	
Brown Adson forceps	Roboz	RS-5231	
Debaquey forceps	Roboz	RS-7562	
Mayo scissors	Roboz	RS-6870SC	
Metzenbaum dissecting scissors	Codman	36-5011	
Metzenbaum dissecting scissors	Codman	36-5016	
Mayo-Hegar needle holder	Codman	36-2017	
Ryder needle holder	Codman	36-3012	
Kelly hemostatic forceps	Roboz	RS-7130	
Reynolds hemostatic forcep	Roboz	RS-7211	
Weitlander retractor	Roboz	RS-8612	
Yorkshire domestic pigs			