

Materials List for

# Delayed Intramyocardial Delivery of Stem Cells after Ischemia Reperfusion Injury in a Murine Model

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jove.com/video/61546

## Materials

Name	Company	Catalog Number	Comments
0.9% NaCl Irrigation, USP	Baxter	0338-0048-04	
11x12" Press n' Seal surgical drape, autoclavable	SAI Infusion Technologies	PSS-SD	
24G 3/4" IV catheter tube	Jelco	4053	
28G x 1/2" 1mL allergy syringe	BD	305500	Injection of analgesic
30G x 1/2" 3/10cc insulin syringe	Ulticare	08222.0933.56	Injection of stem cells
6-0 S-29, 12" Vicryl suture	Ethicon	J556G	Intercostal, superficial muscle and skin layer incision closure
9-0 BV100-4, 5" Ethilon suture	Ethicon	2829G	Ligation of the LAD artery
Absorbent underpad	Thermo Fischer Scientific	14-206-64	For underneath the animal
Alcohol prep pads, 2 ply, medium	Covidien	6818	
Anti-fog face mask	Halyard	49235	
Bonn Strabismus scissors, curved, blunt	Fine Science Tools	14085-09	
Buprenorphine HCL SR LAB 1mg/ml, 5 ml	ZooPharm Pharmacy		Buprenorphine narcotic analgesic formulated in a polymer that slows absorption extending duration of action (72 hours duration of activity).
Castroviejo needle holders, curved	Fine Science Tools	12061-01	
Curity sterile gauze sponges	Covidien	397310	
Delicate suture tying forceps, 45 angle bent	Fine Science Tools	11063-07	
Electric Razor	Wahl		Fur removal
Isoflurane 100 ml	Cardinal Health	PI23238	Anesthetic
Lab coat			
Monoject 1 mL hypodermic syringe	Covidien	8881501400	
Moria iris forceps, curved, serrated (x2)	Fine Science Tools	11370-31	
Moria speculum retractor	Fine Science Tools	17370-53	
Mouse endotracheal intubation kit	Kent Scientific		

Nair depilatory cream	Johnson & Johnson		Fur removal
Optixcare eye lube plus	Aventix		Sterile ocular lubricant
Physiosuite ventilator	Kent Scientific		
PolyE Polyethylene tubing	Harvard Apparatus	72-0191	Temporary compression of LAD artery
Povidone-iodine swabs	PDI	S41125	
Scalpel, 10-blade	Bard-Parker	371610	
Sterile 3" cotton tipped applicators	Cardinal Health	C15055-003	
Sterile 6" tapered cotton tip applicators	Puritan	25-826-5WC	
Sterile gloves	Cardinal Health	N8830	
Sterilization pouches	Medline	MPP100525GS	
Surgery cap			
Surgical Microscope	Leica	M125	
Suture tying forceps, straight (x2)	Fine Science Tools	10825-10	
Transpore surgical tape	3M	1527-1	
Triple antibiotic ointment	G&W Laboratories	11-2683ILNC2	Topical application to prevent infection
Vannas-Tübingen Spring Scissors, curved	Fine Science Tools	15004-08	
Vetflo vaporizer	Kent Scientific		