

# A Novel Right Ventricular Volume and Pressure Loaded Piglet Heart Model for the Study of Tricuspid Valve Function.

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jove.com/video/61251

## Materials

Name	Company	Catalog Number	Comments
<b>Drugs</b>			
1% lidocaine spray	WDDC	103365	Lidodan 30 mL
atropine sodium injection	WDDC/Rafter 8 Products		0.5 mg/mL
bupivacaine	WDDC/Sterimax		5 mg/mL
buprenorphine HCl slow release injection	Chiron Compounding Pharmacy		1 mg/mL
buprenorphine regular	WDDC/Champion Alstoe	121378	Vetergesic 0.3 mg/mL
cefazolin	WDDC/Fresenius Kabi	102016	1 g/vial
cephalexin capsule	WDDC/Novopharm		Novo-Lexin 250 mg/capsule
epinephrine	WDDC		Adrenalin (1:1000) 1 mg/mL
furosemide tablet	WDDC/Novopharm		10 mg tablet
Iodine Scrub/Spray	Cardinal Health	KF22422	Betadine brand
ketamine hydrochloride injection	WDDC/Vetoquinol	131771	Narketan 100 mg/mL
midazolam	WDDC/Sandoz	101100	5 mg/mL
norepinephrine	WDDC		1 mg/mL
pentobarbital sodium	WDDC/Bimeda-MTC	127189	Euthanyl 240 mg/mL
ranitidine injection	WDDC		25 mg/mL
ranitidine tablet	Sanis		300 mg tablet
Surgical Scrub Sponge	Stevens	333-377479	4% CHG Surgical Soap scrub brush
<b>Equipment</b>			
24G peripehral IV catheter	BD		Insyte-N
5Fr double lumen central venous catheter	Arrow	CS-14502	20cm

5Fr single lumen umbilical vessel catheters	Covidien/Kendall	8888160333	Argyle 15 inches
6" Chest retractor	RRSMRI		
6Fr triple lumen central venous catheter	Arrow	JR-42063-HPHNM	20cm
7Fr catheter sheath with flange	Dr. Coe custom designed		
Adson forceps	RRSMRI		
Aestiva/5 Ventilator	GE Datex Ohmeda		
Atraumatic forceps	Teleflex	351865	
bioptome	Dr. Coe lab		Mansfield Biopsy Forceps
Curved hemostat	RRSMRI		
Curved mosquito hemostat	RRSMRI		
Debakey Forceps (Long)	Teleflex	351804	
Debakey Forceps (Narrow)	Teleflex	351802	
Debakey Forceps (Rg)	Teleflex	351800	
Echo probe cover	Civco		
Endotracheotube	Stevens	180-112082055	Rusch Murphy Eye Low Press. Cuff
Iris Spring scissors	Fisher Scientific	NC0127560	
iSTAT 1 blood gas analyzer	Abbott Laboratories		MN:300-G
iSTAT CG4+ cartridges	Abbott Laboratories	03P85-50	
Kelly Hemostat	Fine Science Tools	1301914	
Kocher forceps	RRSMRI		
Large Army/Navy Retractor	RRSMRI		
Laryngoscope	MACO CE Miller#4 Blade	LA6226-4	Macolaryngoscope.com
Liga-clip applicator L	Ethicon	LC430	
Liga-clip applicator M	Ethicon	LX210	
Liga-clip applicator S	Ethicon	LX110	
Metal suction tip	RRSMRI		
Metzenbaum Scissors (Lg)	RRSMRI		
Metzenbaum Scissors (Md)	RRSMRI		
Mixer - long/mid wide	RRSMRI		
Mixer - long/narrow	RRSMRI		
Mixer - long/wide	RRSMRI		
Mixer - short/narrow	RRSMRI		
Needle Driver 10"	RRSMRI		
Needle Driver 6"	RRSMRI		
Needle Driver 7"	RRSMRI		
Philips iE33 Echocardiography machine	Philips		X7 and S12 probes
pressure line tubing and 3-way stopcock	Dr. Freed lab		
Rat tooth forcep	RRSMRI		
silastic reinforced sheeting	Bioplexus	SH-21001-040	6" x 8" x .040" Gloss
Small Army/Navy Retractor	RRSMRI		
Straight hemostat	RRSMRI		
Straight mosquito hemostat	RRSMRI		
Sutures: 4-0 and 5-0 synthetic, non-absorbable suture, 2-0 silk	Dr. Freed lab		
Towel clamp	RRSMRI		

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vascular tourniquet	Dr. Freed lab		
Weitlaner retractor (Md)	RRSMRI		
Weitlaner retractor (Sm)	RRSMRI		
Zoll R Series Monitor Defibrillator	Zoll technologies		