

Establishment and Evaluation of a Porcine Vein Graft Disease Model

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Materials

Name	Company	Catalog Number	Comments
Aortic Punch	Medtronic Inc. , America	3.0mm, 3.5mm, 4.0mm	Used for proximal coronary bridge anastomosis
Automatic biochemical analyzer	IDEXX Laboratories, Inc. America	Catalyst One	
Cardiac coronary artery bypass grafting instrument kit	LANDANGER, France		
Cardiogram monitor	Shenzhen Mindray Bio-Medical Electronics Co, Ltd	MEC-1000	
Coronary Shunt	AXIUS	OF-1500, OF-2500, OF-3000	The product temporarily blocks the coronary artery during arteriotomy to reduce the amount of bleeding in the surgical field and provide blood flow to the distal end during anastomosis. The Axius shunt plug is not an implant and should be removed prior to completion of the anastomosis.
Defibrillator	MEDIANA	Mediana D500	
Diazepam	Nanguo pharmaceutical Co. LTD, Guangdong, China	H37023039	Narcotic inducer
Disposable manual electric knife	Covidien, America	E2516H	
Electric negative pressure suction machine	Shanghai Baojia Medical Instrument Co, Ltd	YX932D	
Esmolol	Guangzhou Wanzheng Pharmaceutical Co. LTD	H20055990	Emergency drugs
Ice machine	Local suppliers, Guangzhou, China		
Lidocaine	Chengdu First Pharmaceutical Co. LTD	H51021662	Emergency drugs
Luxtec headlight system	Luxtec, America	AX-1375-BIF	Used for lighting fine parts during operation
Medical operation magnifier (glasses)	Germany Lista co, LTD	SuperVu Galilean 3.5×	Used for fine site operation during operation

Multi-function high-frequency electrotome	Shanghai Hutong Electronics Co, Ltd	GD350-B	
Nitrogen canister	Local suppliers, Guangzhou, China		
Nonabsorbable surgical suture (polypropylene suture)	Johnson & Johnson, America	6-0, 7-0	Used to suture blood vessels.
Nonabsorbable suture (cotton thread)	Covidien, America	1-0	Used for skin and muscle tissue tugging
Open heart surgery instrument kit	Shanghai Medical Instrument (Group) Co., LTD		
Propofol injection	Xi 'an Libang Pharmaceutical Co. LTD	H19990282	Anesthetic sedative
Refrigerator	Local suppliers, Guangzhou, China		
Respiratory anesthesia machine for animal	Shenzhen Reward Life Technology Co, Ltd, China	R620-S1	
Semi-occlusion clamp	Xinhua Surgical Instrument Co., Ltd.	ZL1701RB	Temporarily cut off the aortic flow
vecuronium bromide	Richter, Hungary	JX20090127	Muscle relaxant
Veterinary ultrasound system	Royal Philips, Netherlands	CX50	
Zoletil	Virbac, France	Zoletil 50	Animal narcotic