

Materials List for:

# Re-Arterialized Rat Partial Liver Transplantation with an *in vivo* Vessel-Oriented 70% Hepatectomy

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## Materials

Name	Company	Catalog Number	Comments
Surgical microscope	Möller-Wedel, Germany	654359	
Light source	OSRAM (China) Lighting Co., Ltd	64627	
Isoflurane Vaporizer	MIDMARK Corporation	VIP3000	
Isoflurane	Baxter Healthcare Corporation	40032609	For Inhalation anesthesia
Normal Saline	Zhejiang Tianrui Pharmaceutical Co., Ltd.	716092103	
Povidone Iodine Solution	HANGZHOU MINSHENG PHARMACEUTICAL	H33021567	For disinfection
Hemostatic forceps	Shanghai Medical Instruments(Group) Ltd	J31020	
Surgical scissors	Shanghai Medical Instruments(Group) Ltd	JC2116	
Needle-holder	Shanghai Medical Instruments(Group) Ltd	J32030	
Dressing Forceps	Shanghai Medical Instruments(Group) Ltd	J42020	
Mosquito hemostatic forceps	Shanghai Medical Instruments(Group) Ltd	W40340	For liver resection; For retracting the stay sutures.
Micro-scissors	Shanghai Medical Instruments(Group) Ltd	WA1040	
Micro needle-holder	Shanghai Medical Instruments(Group) Ltd	WA2060	
Curved micro typing forceps	Shanghai Medical Instruments(Group) Ltd	WA3061	
straight micro typing forceps	Shanghai Medical Instruments(Group) Ltd	WA3060	
Micro hemostatic forceps	Shanghai Medical Instruments(Group) Ltd	WA3020	
Bulldog clamp	Shanghai Medical Instruments(Group) Ltd	XEC350	
Vessel clamps	Shanghai Medical Instruments(Group) Ltd	W40160	
Micro Serrefine-curved	Fine Science Tools, Inc	18055-05	
Dacryosyrinx	Shi Zhuo medical instruments Co., Ltd.	5# curve	Use as the curved needle for forcing out the air bubbles in the vascular lumen

Sterilized gauze swabs	Fuqing Health & Integral Medical	20230R	
5mL syringe	Zhejiang Yusheng Medical Instrument Co.,Ltd	811932416	
18G needles	Shanghai Kindly Enterprise Development Group Co., Ltd	01-014	For fixing the upper abdomen wall
Intima II 22G intravenous catheter	Becton Dickinson Medical Devices (Shanghai) Co Ltd.	383207y	For making biliary stent; For infusing perfusate
7-0 polypropylene sutures	Ningbo Medical Needle Co., Ltd	151026	For SHVC anastomosis
6-0 silk suture	Shanghai Pudong Jinhuan Medical Products Co., Ltd	2650182	For ligation
Culture dish (100mm)	Corning Incorporated	430165	used in back table for storage ice. The back table dish was placed on it.
Culture dish (30 mm)	Corning Incorporated	3296	As a vessel for organ preservation
Angiocath 12G intravenous catheter	Becton Dickinson Medical Devices (Shanghai) Co Ltd.	382277	For making a IHVC cuff
Angiocath 14G intravenous catheter	Becton Dickinson Medical Devices (Shanghai) Co Ltd.	382269	For making a PV cuff
Buprenorphine (hydrochloride)	Tianjin Institute of Pharmaceutical Research Pharmaceutical Co., Ltd	H12020275	For analgesic
Cefuroxime sodium for injection	Esseti Farmaceutici S.r.l	H20160013	As an antibiotics