

Materials List for:

Surgical Procedures for a Rat Model of Partial Orthotopic Liver Transplantation with Hepatic Arterial Reconstruction

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Materials

Name	Company	Catalog Number	Comments
Surgical microscope	Leica	M651	
Light source	Schott	KL1500LCD	
Cotton swabs	NOBA Verbandmittel	974202	
Gauze swabs (5x5 cm)	Fuhrmann	10002	
povidone-iodine solution	Mundipharma	6108022.00.01	
Oil-based clay	Debika corporation	090148	
TachoSil	Takeda Pharmaceuticals International GmbH	EU/1/04/277/001-004	Applied to resected liver surface
Scalpel blade No. 11	Pfm medical	200130011	Preparation of cuff and stents
14-gauge catheter	B. Braun	4268210S	Cuff for PV
18-gauge catheter	B. Braun	4268130S	Perfusion via PV
24-gauge catheter	B. Braun	4269071S	Stent for BD and HA
4-0 silk suture	Resorba	H3F	Liver resection
6-0 silk suture	Resorba	H1F	
7-0 Prolene (polypropylene) suture	Ethicon	8701H	SHVC and IHVC
4-0 Vicryl suture	Ethicon	V304H	Abdominal closure
5-ml syringe	Terumo	SS+T05ES1	Back pillow
Heating pad	Thermo	190 x 260 mm	
Magnetic fixator retraction system	Fine Science Tools Inc.	18200-01 18200-02 18200-03 18200-12	
Cold water bath	Huber	740.000X	Graft preservation
Bipolar forceps	Söring	MBC-200	
Mosquito forceps	BONIMED	451-476-03	Two pairs used
Adson micro forceps	Dimeda	10.176.12	
Curved micro forceps	AESFULAP	FD281R	
Straight micro forceps	Bonimed	451-476-03	
Curved micro scissors	Medicon	05.15.83	
Straight micro scissors	AESFULAP	FD12	Fine incision
Scissors	AESFULAP	BC211W	
Micro needle holder	AESFULAP	FD241R	Reconstruction
Mayor-Hegar Needle holder	Mizuho Ikakogyo	06-798-00	Abdominal closure
DeBakey Bulldog clamp (straight)	ULRICH	CV3054	

DeBakey Bulldog clamp (curved)	CODMAN	37-1062	
Satinsky clamp	Mizuhoika	09-230-24	
Peripheral vascular clamp	Teleflex Medical	353494	Recipient SHVC
Micro vessel clamp (disposable)	AROSurgical Instruments Corporation	TKM-1-60 g	PV, graft IHVC, and recipient HA
Micro vessel clamp (metal)	Fine Science Tools Inc.	18052-01	Recipient IHVC
Lactated Ringer solution	Fresenius Kabi	6150917.00.00	
Normal saline solution	DeltaSelect	1299.99.99	
HTK solution	Dr. Franz Köhler Chemie GmbH	31268.00.00	Preservation solution
Heparin-Natrium	Ratiopharm	5394.02.00	500 IU before graft perfusion
8.4% sodium bicarbonate	Fresenius Kabi	4399.97.99	0.5 ml after reperfusion
5% Glucose solution	B. Braun	6714567.06.00	1.0 ml after reperfusion
Cefuroxim sodium	Fresenius Kabi	38985.01.00	Antibiotic, 16 mg/kg
Buprenorphine	Essex Pharma	997.00.00	Painkiller, 0.1 mg/kg
Intensive Care Unit Cage	Brinsea Products Ltd.	Vetario S10	Postoperative care