

Materials List for

Reduced Complications after Arterial Reconnection in a Rat Model of Orthotopic Liver Transplantation

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Materials

Name	Company	Catalog Number	Comments
10-0 Ethilon	Ethicon	2830G	10-0 Ethilon Black 1X5" BV100-4 Taper
10mL Syringe	BD	B302995	Luer-Lok Tip, Sterile, Disposable
1mL Syringe	BD	B309628	Luer-Lok Tip, Sterile, Disposable
20mL Syringe	BD	B301031	Luer-Lok Tip, Sterile, Disposable
3D Printed Cuff for IHVC			Custom
3D Printed Cuff for PV			Custom
3D Printed Holder for IHVC			Custom
3D Printed Holder for PV			Custom
3mL Syringe	BD	B309657	Luer-Lok Tip, Sterile, Disposable
4-0 Sofsilks	Covidien	GS-835	Wx coded braided silk, 30", Suture 1-Needle 26 mm Length 1/2 Circle Taper Point Needle
5-0 Monocryl	Ethicon	Y433H	Undyed Monofilament 1X27" TF
5mL Syringe	BD	B309646	Luer-Lok Tip, Sterile, Disposable
7-0 Silk	Teleflex Medical	103-S	Black
8-0 Prolene	Ethicon	2775G	8-0 Prolene Blue 1X24" BV130-5 EVP Double Armed
Barraquer Micro Needle Holder Without Catch	Aesculap Surgical Instruments	FD231R	Curved 120 mm, 4 3/4"
Barraquer Needle Holder, Extra Fine Jaws 8.0mm, Curved With Out Lock	Rumex International Co.	8-025T	Small Size, Titanium
Barraquer Needle Holder, Fine Jaws 12.0mm, Curved With Out Lock	Rumex International Co.	8-021T	Small Size, Titanium
BD Insyte Autoguard BC 22 GA x 1.00 IN	BD Angiocath / Autoguard	382523	22 G x 1.00" (0.9 mm x 25 mm) Wingless catheter, 37 mL/min

BD PrecisionGlide Single-use Needles: Regular Bevel - Regular Wall.	BD	B305106	PrecisionGlide stainless-steel needles with translucent, color-coded, polypropylene hubs. 22 G
BD PrecisionGlide Syringe Needle 21G	BD	305167	Gauge 21, length 1.5 inch, hypodermic needle
BD PrecisionGlide Syringe Needle 30G	BD	305128	Gauge 30, length 1 inch, hypodermic needle
Betadine Solution by Purdue Products LP	Purdue Products Lp	67618-150-17	10% povidone-iodine topical solution USP
Bupivacaine Injection BP 0.5%	SteriMax Inc.	DIN:02443694	0.5% (100mg/20mL)
Curved Tying Forceps	Duckworth & Kent	2-501E	6mm tying platforms, straight shafts, flat handle, length 88mm
DC Temperature Controller	FHC Inc.	40-90-8D	
DK Iris Scissors (Curved)	Duckworth & Kent	1-211B	Blunt tips, cut length 4mm, tip to pivot length 11mm, round handle, length 107mm
Ethanol, 200 proof (100%), USP, Decon Labs	Decon Labs, Inc.	2716	Dilute to 70% with d2H2O
Fine Adjustable Wire Retractor	Fine Science Tools	17004-05	Maximum spread: 3.5cm, Depth 5cm
Harvard Apparatus Isoflurane Funnel-Fill Vaporizer	Harvard Appartus Limited	34-1040SV	
Heparin LEO (heparin sodium)	LEO Pharma Inc.	DIN:00453811	10,000 i.u./10 mL
Ice-Pak	Cryopak	FIP88016	4.00 in. x 7.00 in., thickness 1.50 inch
Isoflurane United States Pharmacopeia (USP) 99.9%	Piramal Healthcare Limited	DIN: 02231929	250 mL, Inhalation Anesthetic, NDC 66794-017-25
Khaw Transconjunctival Adjustable Suture Control Forceps	Duckworth & Kent	2-502N	5mm highly polished tying platforms, straight shafts, flat handle, length 84mm
Lactate Ringer's Injected USP, 1000mL	Baxter Co.	DIN: 00061085	JB2324
McPherson Tying Forceps	Duckworth & Kent	2-500E	6mm tying platforms, straight shafts, flat handle, length 90mm
Metzenbaum Scissors - 14.5 cm	Fine Science Tools	14024-14	Straight Sharp/Blunt
Micro Kitzmiller Clamp	Scanlan	3003-630	Jaw length 23mm, Length 11cm
Microscope-Leica M525 F20	Leica Microsystems		No catalog number
Non-woven Gauze Sponges	Fisherbrand	22-028-556	
Olsen-Hegar with Suture Cutter	Fine Science Tools	12002-14	15 mm cutting edge, 2mm jaw surface - 14cm
OptixCare Eye Lube, 25gm	OptixCare	ES-KE80-69U1	Formerly Optixcare Surgical Eye Lubricant
Piperacillin sodium salt	Sigma-Aldrich	P8396	Penicillin analog
Puritan 3" Standard Cotton Swab w/ Wooden Handle	Puritan Medical Products Company LLC	803-WC	Regular Cotton Tipped Applicator with Wooden Handle
Round Handled Needle Holder Straight w/ Lock	Fine Science Tools	12075-12	Round handles allow easy fingertip adjustments - 12.5cm
Shea Scissors Curved Blunt	Fine Science Tools	14105-12	Transplant scissors with light and delicate pattern - 12cm
Stainless Steel Micro Serrefines Curved - 4mm	Fine Science Tools	18055-06	Jaw length 4mm, Jaw width 0.75mm, Total length 16mm, Jaw pressure 125g
Stainless Steel Micro Serrefines Curved - 6mm	Fine Science Tools	18055-05	Jaw length 6mm, Jaw width 1mm, Total length 17mm, Jaw pressure 100g
Stainless Steel Micro Serrefines Straight - 6mm	Fine Science Tools	18055-03	Jaw length 6mm, Jaw width 1mm, Total length 15mm, Jaw pressure 100g

Surgical Platform			Custom, magnetic
SurgiVet Vaporstick Anesthesia Machine	General Anesthetic Services, Inc	V7015	
T/Pump Localized Therapy	Stryker		TP700 Series
Vacuum-Pressure Pump	Barnant Co.	400-1901	
Vannas Scissors with Microserrations Straight	Fine Science Tools	15070-08	Cutting edge: 5mm, Tip diameter: 0.1mm - 8.5cm
Vetergesic Buprenorphine	Ceva Animal Health Ltd	NAC No.:12380352	0.324 mg/ml buprenorphine hydrochloride Solution for Injection for Dogs and Cats
Vetroson V-10 Bipolar Electrosurgical Unit	Summit Hill Laboratories		No catalog number
Surgical Drape	PDC Healthcare	DRP1824	Multi-purpose sterile clear plastic, 18" x 24", 40/case