

Materials List for:

Invasive Hemodynamic Characterization of the Portal-hypertensive Syndrome in Cirrhotic Rats

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URL: <https://www.jove.com/video/57261>

DOI: [doi:10.3791/57261](https://doi.org/10.3791/57261)

Materials

Name	Company	Catalog Number	Comments
Instruments			
LabChart 7 Pro software	ADInstruments, Colorado Springs, CO, USA	-	Software
ML870 PowerLab 8/30	ADInstruments, Colorado Springs, CO, USA	-	Electronic multichannel recorder
MLT0380/D	ADInstruments, Colorado Springs, CO, USA	-	Pressure transducer (x2: for Portal Pressure and Arterial Pressure)
ML112 Quad Bridge Amplifier	ADInstruments, Colorado Springs, CO, USA	-	Bridge amplifier
TS420	Transonic Systems Inc., Ithaca, NY, USA	-	Flowmeter module
Biological Research Apparatus 7025	UGO BASILE S.R.L., Comerio, Italy	-	Ventilator
Vapor 2000	Dräger Medical AG & Co. KG, Lübeck, Germany	-	Isofluran Vaporizer
Perivascular probes (rat) for Transonic systems (Superior Mesenteric Artery)	Transonic Systems Inc., Ithaca, NY, USA	#MA1PRB	Ultrasonic flow probe (1mm)
Perivascular probes (rat) for Transonic systems (Portal Vein)	Transonic Systems Inc., Ithaca, NY, USA	#MA2PSB	Ultrasonic flow probe (2mm)
1st for intubation & 2nd for clean skin incisions	-	-	Mayo scissor [x2]
Metzenbaum scissor	-	-	-
Cuticle scissor	-	-	-
e.g. Adson Brown tissue forceps	-	-	Tissue Forceps
High precision 45° angle broad point forceps [x2]	-	-	-
Hemostat [x4]	-	-	-
e.g. Mikulicz peritoneal clamp	-	-	Curved clamp
e.g. Dieffenbach clamp	-	-	Micro clamp
e.g. micro spatula with flat ends, width 4 mm,	-	-	Micro metal spatula
for transbuccal suture at intubation	-	-	Needle holder
Scalpel grip	-	-	-
selfmade	-	-	Intubation desk

blut, flexible and with a suitable diameter for arterial cannula and venflow	-	-	<i>Blunt steel wire</i>
modified arterial line 20G with Flowstich	Becton Dickinson, Farady Road, Swindon, UK	#682245	<i>Arterial line</i>
<i>Heating pad</i>	-	-	-
<i>Rectal temperature probe</i>	-	-	-
<i>Saline heater</i>	-	-	-
<i>Laryngoscope (specific for animal size, e.g. rat)</i>	-	-	-
<i>Inductionbox for inhalation anesthesia</i>	-	-	-
<i>Scale (able to measure mg)</i>	-	-	-
<i>Hair clipper</i>	-	-	-
Name	Company	Catalog Number	Comments
Consumables			
e.g. modified BD Venflon Pro Safety 14GA	Becton Dickinson Infusion Therapy, AB, SE251 06 Helsingborg, Sweden	#393230	<i>Peripheral venous catheter (14G)</i>
Fine-Bore Polyethylene Tubing, ID 0.58mm, OD 0.96mm, Portex,	Smiths Medical International Ltd., Kent, UK	#800/100/200	<i>Catheter tube (PE-50)</i>
e.g. Omnifix-F Solo	B. Braun Melsungen AG, Melsungen, Germany	#9161406V	<i>Syringe 1mL</i>
e.g. Injekt Solo	B. Braun Melsungen AG, Melsungen, Germany	#4606051V	<i>Syringe 5mL</i>
e.g. Injekt Solo	B. Braun Melsungen AG, Melsungen, Germany	#4606205V	<i>Syringe 20mL</i>
e.g. BD Microlance 3, 18G - 1 1/2"	Becton Dickinson S.A., Fraga, Spain	#304622	<i>Cannula (18G)</i>
e.g. BD Microlance 3, 23G - 1"	Becton Dickinson S.A., Fraga, Spain	#300800	<i>Cannula (23G)</i>
e.g. BD Microlance 3, 30G - 1/2"	Becton Dickinson S.A., Fraga, Spain	#304000	<i>Cannula (30G)</i>
e.g. Leukoplast S	BSN medical GmbH, Hamburg, Germany	#47619-00	<i>Adhesive tape</i>
e.g. Gazin RK Mullkompressen (18x8cm)	Lohmann & Rauscher, Vienna, Austria	#10972	<i>Gauze compress (small)</i>
e.g. Gazin RK Mullkompressen (5x5cm)	Lohmann & Rauscher, Vienna, Austria	#10961	<i>Gauze compress (big)</i>
Silk Braided black, USP 4/0, EP 1.5	SMI AG, St. Vith, Belgium	#2021-04	<i>Suture (Silk 4/0, EP 1.5)</i>
e.g. Mersilk, 2-0 (3 Ph. Eur.), PS-1 Prime	Johnson & Johnson Medical GmbH - Ethicon Deutschland, Germany	#EH7552	<i>Transbuccal suture</i>
e.g. Cottonbuds (2.2mm, 15cm)	Paul Hartmann AG, Heidenheim, Germany	#967936	<i>Cotton buds</i>
e.g. Vue Ultrasoundgel	Optimum Medical Limited, UK	#1157	<i>Ultrasound gel</i>
e.g. Glubran 2	Gem srl, Viareggio, Italy	#G-NB2-50	<i>Tissue glue</i>
e.g. Surgical scalpell knife Nr. 10 - carbon steel	Swann-Morton, England, B.S.	#202	<i>Scalpel Knife</i>
Heparin, 5000 i.E./mL (Natriumheparin)	Medicamentum Pharma GmbH, Allerheiligen im Mürztal, Austria	-	<i>Heparin</i>
Florane	Aesica Queenborough Ltd., Queenborough, UK	-	<i>Isoflurane</i>

OeloVital (5g)	Fresenius Kabi Austira GmbH, Graz, Austria	-	<i>Eye gel</i>
Ketasol	aniMedica GmbH, Senden- Bösensell, Germany	-	<i>Ketamine</i>
Rompun	Bayer Austria Ges.m.b.H., Vienna, Austria	-	<i>Xylazine</i>
Xylocain 10% Pumpspray	AstraZeneca Österreich GmbH, Vienna, Austria	-	<i>Lidocaine pump spray</i>
Dipidolor	Jansen-Cilag Pharma GmbH, Vienna, Austria	-	<i>Piritramide</i>
NaCl 0.9% Fresenius, 1L	Fresenius Kabi Austira GmbH, Graz, Austria	#13LIP132	<i>Physiological saline solution</i>