

Materials List for:

Assessment of Plasma Coagulation on Liver Tissue in a Large Animal Model *In Vivo*

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Materials

Name	Company	Catalog Number	Comments
Xylazine 20 mg/mL	Vetoquinol GmbH	Xylapan	
Ketamine 100 mg/mL	Ceva GmbH	Ceva Ketamine Injection	
Atropine 100 mg / 10 mL	Dr. Franz Köhler Chemie GmbH	Atropinsulfat Köhler 100mg Amp.	
Propofol	Fresenius Kabi GmbH	Propofol 1% MCT Fresenius	
Fentanyl	KG Rotexmedica GmbH	Fentanyl 0,5mg Rotexmedica	
Isoflurane	Abbot GmbH	Forene 100% (V/V) 250 mL	
Ringer's lactate solution	Baxter Deutschland GmbH		sodium 131mmol/l, potassium 5 mmol/l, calcium 2 mmol/l, chloride 111 mmol/l, lactate 29 mmol/l
Surgical disinfectant	Schülke & Mayr GmbH	Kodan Tinktur forte gefärbt 1l 104804	
Motorized microscope	Nikon Instruments Europe	Eclipse TE2000-E	
Microscope camera	Nikon Instruments Europe	Digitalsight DS-Q1Mc	
Imaging software	Nikon Instruments Europe	NIS elements Vers. 4.40	
Plasma coagulator	Söring GmbH	CPC-1000	
Argon gas	Linde AG	Argon 4.8	
Helium gas	Linde AG	Helium 4.8	
O2C	LEA Medizintechnik GmbH	O2C Version 1212	with LF-2 or LF-3 probe
Infrared thermometer	Voltcraft	VOLTCRAFT IR 260-8S	
Thermographic camera	InfraTec GmbH	VarioCAM HD head 820	
Thermographic analysis software	InfraTec GmbH	IRBIS 3	
Mayer's Hematoxylin solution		Merck 1.09249	
Eosin solution	VWR International GmbH	Merck 1.09844	
Rollerpump Masterflex L/S easy Load	Cole-Parmer Instrument Company	model 7518-10	
Perfusorpump	B. Braun Melsungen AG	Perfusor segura FT	
Digital pressure meter	Greisinger electronic	GMH 3161	
Perfusorsyringe, 50 mL	B. Braun Melsungen AG	REF 8728810 F	
Perfusor line, Type IV Standard, PVC Luer lock	B. Braun Melsungen AG	REF 8722960	
3-Way stopcock, Dicofix C35C	B. Braun Melsungen AG	REF 16494 C	
Silk 2-0. 3 metric	Resorba	REF H5F	
Vicryl 4-0 Sutupak	Ethicon	V1224H	
NaCl 0.9 %	B. Braun Melsungen AG		