

Materials List for:

Real-time Digital Imaging of Leukocyte-endothelial Interaction in Ischemia-reperfusion Injury (IRI) of the Rat Cremaster Muscle

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URL: <https://www.jove.com/video/3973>

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Materials

Name	Company	Catalog Number	Comments
Name of the equipment:	Company:	Catalogue No.:	Comments:
Forene 100% (V/V)	Abbot	B506	API isoflurane
Terylene Suture	Serag Weissner	OC108000	
Portex Fine Bore Polythene Tubing	Smiths Medical	800/100/100	0.28 mm inner Diameter
0.9% saline solution	Fresinus Kabi	808771	
Change-A-tip deluxe cautery kit	Bovie Medical	DEL1	
Abbocath -T 14G	Venisystems	G713 - A01	used as lens tube
Servo Ventilator 900C	Maquet		used as animal ventiator
Logical pressure transducer	Smiths Medical	MX1960	
Sirecust 404 Monitor	Siemens		
ABL 700 Benchtop Analyzer	Radiometer		for blood gas measurement
Heating pad	Effenberger	8319	
Aluminum stage	Alfun	AW7022	
Surgical microscope OPMI 6-SDFC	Carl Zeiss		
Microsurgical instruments lab set	S&T	767	
Biemer vessel clip	Diener	64.562	
Applying forceps	Diener	64.568	for Biemer vessel clip
Rhodamine 6G	Sigma-Aldrich	R4127	
Vaseline white DAB	Winthrop	2726853	
Cover glasses			32x32 mm
Intravital setup			
Zeis Axio Scope A-1 MAT	Carl Zeis	490036	epifluorescence microscope
470 nm LED	Carl Zeis	423052	fluorescence light source
Colibri 2 System	Carl Zeis	423052	
W Plan-Apochromat 20x/1,0 DIC	Carl Zeis	421452	water immersion objective
AxioCam MRm Rev. 3 FireWire	Carl Zeis	426509	high resolution digital camera
Axio vision LE software	Carl Zeis	410130	use for offline analysis