

Materials List for:

Permanent Ligation of the Left Anterior Descending Coronary Artery in Mice: A Model of Post-myocardial Infarction Remodelling and Heart Failure

Ilayaraja Muthuramu¹, Marleen Lox¹, Frank Jacobs¹, Bart De Geest¹

¹Department of Cardiovascular Sciences, Centre for Molecular and Vascular Biology, Catholic University of Leuven

Correspondence to: Bart De Geest at bart.degeest@med.kuleuven.be

URL: <https://www.jove.com/video/52206>

DOI: [doi:10.3791/52206](https://doi.org/10.3791/52206)

Materials

Name	Company	Catalog Number	Comments
Buprenorphine (Buprenex)	Bedford Laboratories		
Sodium Pentobarbital (Nembutal)	Ceva		
Betadine	VWR internationals	200065-400	
5 - 0 silk suture	Ethicon, Johnson & Johnson Medical	K890H	
6 - 0 prolene suture	Ethicon, Johnson & Johnson Medical	F1832	
6 - 0 Ti- Cron suture	Ethicon, Johnson & Johnson Medical	F1823	
Urethane	Sigma	94300	
Alconox	Alconox Inc.		
Ventilator, MiniVent Model 845	Hugo Sachs	73-0043	
Chest retractor or Thorax retractor	Kent Scientific corporation	INS600240	ALM Self-retaining, serrated, 7 cm long, 4 x 4 "L" shaped prongs, 3 mm x 3 mm
1.0 French Millar pressure catheter	Millar Instruments	SPR - 1000/NR	
Powerlab	ADInstruments Pty Ltd.		
LabChart® software	ADInstruments Pty Ltd.		
Rectal probe	ADInstruments Pty Ltd.		