

Materials List for:

A Modified Method for Heterotopic Mouse Heart Transplantation

Chuanmin Wang¹, Zane Wang¹, Richard Allen¹, G. Alex Bishop¹, Alexandra F. Sharland¹

¹Collaborative Transplant Laboratory, University of Sydney

Correspondence to: G. Alex Bishop at alex.bishop@sydney.edu.au

URL: <https://www.jove.com/video/51423>

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Materials

Name	Company	Catalog Number	Comments
Operating microscope	Leica, Heerbrugg, Switzerland	M651	10-25X magnification
Anesthetic machine	Vet Quip Pty Ltd, Sydney, Australia	Vett3	Capable of delivering a mixture of isoflurane and oxygen in air
Operating board	Hardware store or office supplier		Dense cork or synthetic capable of taking pins
Heparinized saline (5 U/ml, 4 °C)	Pfizer, USA	FW25	In 1 ml syringe with 23 G needle on ice
Normal saline (37 °C)	AstraZeneca Pty Ltd, Australia	4538	In 1 ml syringe with 23 G needle on warm pad
Sutures 10- nylon, 5-0 Vicryl	Ethicon, Inc. NJ, USA	2870G/J421H	
Buprenorphine (0.05 mg/kg in 0.1 ml saline)	Reckitt Benckiser, Sydney, Australia		In 1 ml syringe with 23 G needle on ice
Ampicillin (5 mg/kg in 0.1 ml saline)	Aspen, Sydney, Australia		In 1 ml syringe with 23 G needle on ice
Gel Foam	Pharmacia & Upjohn Co. USA	801289304	Cut into small pieces
High temperature cautery device	Medtronic, USA	8444000	
Heating Pad/Right Temp	Kent Scientific Corporation, Turrington, CT 06790		
Microsurgery instruments:	Shanghai Medical Instruments Co. Ltd.,		
Microneedleholders	Shanghai, China	WT2020	
Microscissors	" "	WT1020	
Microforceps (straight tip)	" "	WA3010	
Microforceps (curved tip)	" "	WA3020	
Micromosquito clamps (1 pair)	" "	W40350	
Microvessel atraumatic clamps (1 pair)	" "	W40130/W40150	