

# A Modified Murine Heterotopic Heart Transplant Protocol Matching Contemporary Standards of Aseptic Technique, Anesthesia, and Analgesia

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jove.com/video/64284

## Materials

Name	Company	Catalog Number	Comments
2030 Rycroft irrigating cannula 30 G	McFarlane	56005HU	
Braided surgical silk 7-0			
Bulldog clamp curved - 35 mm	Roboz	RS-7441-5	
Bupivacaine 0.25%			
Buprenorphine			
Castroviejo needle holder catch curved - 145 mm	Haag-Streit	11.62.15	
Chlorhexidine 5% solution	Ebos	JJ61371	
Cotton-tipped applicator - 7.5 cm	Dove	SN109510	
Ethanol 70% solution	Ebos	WH130192EE	
Gauze 5 x 5 cm white	Aero	AGS50	
Gelfoam 80 mm x 125 mm	Pfizer	7481D	
Hair clipper	Wahl	9860L	
Heparin 1,000 IU in 1 mL			
Iris SuperCut scissors straight - 11.5 cm	Inka Surgical	11550.11	
Isoflurane vaporiser	Darvall	9176	
Micro bulldog clamp - 3.7 cm	Greman	14119-G	
Micro scissors curved 105 mm			
Micropore plain paper surgical tape - 2.5 cm wide	Ebos	7810L	
Microsurgical scissors - curved tip			
Monofilament polypropylene suture - 5/0	Surgipro	P-205-X	

Myweigh i101 Precision Scale 100 g x 0.005 g	Myweigh	Kit00053	
Needle - 30 G x 0.5 inch	BD	BD304000	
Needleholder 15 cm curved "super fine"	Surgical Specialists	ST-B-15-8.2	
Nylene 10/0 x 15 cm on 3.8 mm 3/8 circle round bodied taper (diam 0.07mm) CV300			
Round body suture forceps curved 0.3 mm 120 mm	B. Braun	FD281R	
Round body suture forceps straight 0.3 mm 120 mm	B. Braun	FD280R	
Round handled vannas spring scissors-str/12.5 cm		15400-12	
Spring scissors-Cvd Sm blades		15001-08	
Stevens scissors blunt straight 110 mm			
Surgical backboard			Rigid laminated cardboard. 15 x 15 cm
Surgical drapes			Cut into two sizes. 25 cm x 25 cm, and 25 cm x 40 cm
Surgical microscope			
Syringe - 1 mL	BD	592696	
Syringe - 3 mL	Leica	M651	
Toothed forceps	BD	309657	
University of Wisconsin Solution			
Warming pad			Far infrared warming pad 20 x 25 cm
Westcott spring scissors			
Yasargil clip applicator bayonet	Aesculap	FE582K	
Yasargil titanium clip perm 6.6 mm	Aesculap	A19FT222T	
<b>Mouse usage</b>			
<b>Strain/SEX/Weight</b>	<b>Donor</b>	<b>Recipient</b>	
BALB/c, female, 19-23 g	7	21	
C57BL/6, female, 17-20 g	7		
CD45.1 BALB/c, female, 17-21 g	5		