

Materials List for:

Creation of Abdominal Adhesions in Mice

Clement D. Marshall¹, Michael S. Hu¹, Tripp Leavitt¹, Leandra A. Barnes¹, Alexander T.M. Cheung¹, Samir Malhotra¹, H. Peter Lorenz¹, Michael T. Longaker¹

¹Hagey Laboratory for Pediatric Regenerative Medicine, Division of Plastic and Reconstructive Surgery, Department of Surgery, Stanford University School of Medicine

Correspondence to: Clement D. Marshall at cmarshal@stanford.edu

URL: <https://www.jove.com/video/54450>

DOI: [doi:10.3791/54450](https://doi.org/10.3791/54450)

Materials

Name	Company	Catalog Number	Comments
Fisherbrand Absorbent Underpads, 20" x 24"	Fisher Scientific	14-206-62	
Polylined Sterile Field, 18" x 24"	Busse Hospital Disposables	696	Cut a rectangular hole of the appropriate size
Isothesia isoflurane	Henry Schein	050033	
Fisherbrand Sterile cotton gauze pad, 4" x 4"	Fisher Scientific	22-415-469	
Puralube petrolatum ophthalmic ointment, 1/8 oz. tube	Dechra Veterinary Products	NDC 17033-211-38	
Nair depilatory cream	Church & Dwight Co.	22339-05	
Buprenex buprenorphine 0.3 mg/ml	Reckitt Benckiser Pharmaceuticals Inc.	NDC 12496-0757-5	
1 cc insulin syringe, 27 G	Becton Dickinson	329412	
Povidone Iodine Prep Solution	Medline	MDS093944H	
Webcol alcohol prep swabs	Covidien	6818	
General-Purpose Laboratory Labeling tape	VWR	89097-912	
BioGel PI surgical gloves	Mölnlycke Health Care	ALA42675Z	
Micro Forceps with teeth	Roboz	RS-5150	
Fine scissors- sharp	Fine Science Tools	14060-09	
Straight serrated forceps	Fine Science Tools	11050-10	
Castro-Viejo needle driver	Fine Science Tools	12565-14	
100 grit 1/4 sheet sandpaper	ACE Hardware	1010446	Cut into strips
4-0 silk suture, 30", SH needle	Ethicon	K831	
7-0 PDS II absorbable monofilament suture, 30", BV-1 needle	Ethicon	Z135	Usually comes double-armed. Cut the suture at the midway point to generate two usable sutures.
Rice starch	MP Biomedicals	102955	
0.9% Sodium Chloride Irrigation	Baxter	BHL2F7121	Warm to 37 °C prior to use
10 ml syringe	Becton Dickinson	309604	
6-0 Vicryl absorbable braided suture, 18", RB-1 taper needle	Ethicon	J212H	
6-0 Ethilon nylon monofilament suture, 18", P-3 needle,	Ethicon	1698G	
Tegaderm Transparent Film Dressing Frame Style, 6 cm x 7 cm	3M	1624W	Cut in half lengthwise