

Materials List for

A Rat Carotid Artery Pressure-Controlled Segmental Balloon Injury with Periadventitial Therapeutic Application

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jove.com/video/60473

Materials

Name	Company	Catalog Number	Comments
1 mL Syringe	Fisher	14955450	
1 mL Syringe with needle	BD	309626	
2 French Fogarty Balloon Embolectomy Catheter	Edwards LifeSciences	120602F	
4-0 Ethilon (Nylon) Suture	Ethicon Inc	662H	
4-0 Vicryl Suture	Ethicon Inc	J214H	
7-0 Prolene Suture	Ethicon Inc	8800H	
70% ethyl alcohol			
Anti-Rabbit Alexa Fluor 647	Thermo Fisher Scientific	A21245	
Atropine Sulfate	Vedco Inc		for veterinary use
Cotton Swabs	Puritan	806-WC	
Curved Hemostats	Fine Science Tools	13009-12	
Fine Curved Forceps	Fine Science Tools	11203-25	
Fine Scissors	Fine Science Tools	14090-11	
Gauze	Covidien	2252	
IHC-Tek Diluent (pH 7.4)	IHC World	IW-1000	
Insufflator	Merit Medical	IN4130	
Iodine solution			
Lubricating Eye Ointment	Dechra		for veterinary use
Mayo Scissors	Fine Science Tools	14010-15	
Micro Serrefines	Fine Science Tools	18055-05	
Microdissection Scissors	Fine Science Tools	15004-08	
Micro-Serrephine Clamp Applying Forceps	Fine Science Tools	18057-14	
Needle Holder	Fine Science Tools	12003-15	

Pluronic-127 (diluted in sterile water)	Sigma-Aldrich	P2443	25% prepared
Rabbit Anti-CD31	Abcam	ab28364	
Retractor			Bent paper clips work well
Rimadyl (Carprofen)	Zoetis Inc		for veterinary use
Saline solution			
Standard Forceps	Fine Science Tools	11006-12	
Sterile Drape	Dynarex	4410	
T-Pins			