

Materials List for

# Intra-Arterial Delivery of Neural Stem Cells to the Rat and Mouse Brain: Application to Cerebral Ischemia

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jove.com/video/61119

## Materials

Name	Company	Catalog Number	Comments
20 G needle	Becton & Dickinson	BD PrecisionGlide 305175	preparation of injection catheter
26 G needle	Becton & Dickinson	BD PrecisionGlide 305111	preparation of injection catheter
27 G needle	Becton & Dickinson	BD PrecisionGlide 305136	preparation of injection catheter
4-0 NFS-2 suture with needle	Henry Schein Animal Health	56905	surgery
6-0 nylon suture	Teleflex/Braintree Scientific	104-s	surgery
Accutase	STEMCELL Technologies	7922	cell detachment solution
blade	Bard-Parker	10	surgery
Buprenorphine-SR Lab	ZooPharm	Buprenorphine-SR Lab®	analgesia (0.6-1 mg/kg over 3 d)
Calcium/magnesium free PBS	VWR	02-0119-0500	NSC dissociation
DCX antibody	Millipore	AB2253	immunostaining
GFAP antibody	Invitrogen	180063	immunostaining
Isoflurane	Henry Schein Animal Health	50562-1	surgery
MCAO filament for mouse	Docol	702223PK5Re	surgery
MCAO filament for rat	Docol	503334PK5Re	surgery
MRE010 catheter	Braintree Scientific	MRE010	preparation of injection catheter
MRE025 catheter	Braintree Scientific	MRE025	preparation of injection catheter
MRE050 catheter	Braintree Scientific	MRE050	preparation of injection catheter
Nu-Tears Ointment	NuLife Pharmaceuticals	Nu-Tears Ointment	eye care during surgery
S&T Forceps - SuperGrip Tips JF-5TC Angled	Fine Science Tools	00649-11	surgery
S&T Forceps - SuperGrip Tips JF-5TC Straight	Fine Science Tools	00632-11	surgery
Superglue	Pacer Technology	15187	preparation of injection catheter
syringe pump	Kent Scientific	GenieTouch	surgery
Tuj1 antibody	Millipore	MAB1637	immunostaining
two-component 5 minute epoxy	Devcon	20445	preparation of injection catheter
Vannas spring scissors	Fine Science Tools	15000-08	surgery

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vascular clamps	Fine Science Tools	00400-03	surgery
Zeiss microscope	Zeiss	Axio Imager 2	microscopy