

Materials List for:

# Direct Intraventricular Delivery of Drugs to the Rodent Central Nervous System

Sarah L. DeVos<sup>1</sup>, Timothy M. Miller<sup>1</sup>

<sup>1</sup>Department of Neurology, Washington University in St. Louis School of Medicine

Correspondence to: Timothy M. Miller at [millert@neuro.wustl.edu](mailto:millert@neuro.wustl.edu)

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## Materials

Name	Company	Catalog Number	Comments
<b>PREPARING ALZET OSMOTIC PUMPS</b>			
Alzet Osmotic Pump 14 days	DURECT	Model 1002	
Alzet Osmotic Pump 28 days	DURECT	Model 2004	
Alzet Osmotic Pump 42 days	DURECT	Model 2006	
2.5 mm Catheters	PlasticsOne	3280PM/SPC	Custom ordered to 2.5 mm Catheter Length
Vinyl Catheter Tubing	DURECT	7760	ID: 0.027", OD: 0.045"
0.9% Sodium Chloride, Irrigation, USP	Baxter	2F7124	NOT to be used in pumps or tubing
0.9% Sodium Chloride, Injection, USP	Hospira	NDC 0409-4888-10	
p60 Petri Dish (Sterilized)	TRP	93060	
Surgical Blades (Sterile)	Butler Schein	#007319	
Latex Surgical Gloves (Sterile)	Micro-Touch		CatNo will depend on size of the gloves needed
Sterile Towel Drape	Dynarex	4410	
.2um Syringe Filters	PALL	4192	
1 ml Syringe (Sterile)	BD	309625	
50 ml Conical Tubes			
100% Ethanol			
<b>PUMP &amp; BOLUS SURGERY PROTOCOLS</b>			
Curved Forceps	Fine Science Tools	11001-12	
Curved Hemostat	Fine Science Tools	13009-12	
Fine Sharp Scissors	Fine Science Tools	14060-09	
Curved Blunt Scissors	Fine Science Tools	14029-10	
Bone Cutter	Fine Science Tools	16104-14	
Straight Hemostat	Fine Science Tools	12002-12	
Syringe	Hamilton	7653-01	10 µl gas-tight with removable needles
Needles	Hamilton	7758-04	26 gauge, Point Style: 2
5-0 Nylon Suture Thread	Covidient	SN-871	
Alcohol Pads	Select	#521	
Cotton Swabs (sterile)	Puritan	REF 806-WC	
Super Glue	Loctite		Longneck Bottles
CAUTION: FastGreen Dye	Sigma	F7252-5G	Wear Eyeshields and Gloves when handling this product

Antibiotic Cream			
Eye Ointment			
Electric Shaver			
70% Ethanol			
10% Provadone Iodine			
3% Hydrogen Peroxide			
Warming Pad			
Bead Sterilizer	SouthPointe Surgical	GRM5-1450	
Small Animal Stereotaxic	Kopf	Model 940	
Nose Cone	Kopf	Model 923-B	
Ear Bars	Kopf	Model 921	This model is optional
Cannula Driver	Kopf	Model 1966	
Syringe Holder	Kopf	Model 1972	
Temperature Control System	Kopf	Model TCAT-2LV	Optional
Oxygen/Isoflurane System			