

Materials List for

Stereotaxic Intracranial Delivery of Chemicals, Proteins or Viral Vectors to Study Parkinson's Disease

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Citation

Landeck, N., Conti Mazza, M., Duffy, M., Bishop, C., Sortwell, C.E., Cookson, M.R. Stereotaxic Intracranial Delivery of Chemicals, Proteins or Viral Vectors to Study Parkinson's Disease. *J. Vis. Exp.* (), e62128, doi:10.3791/62128 (2021).

Date Published

February 18, 2021

DOI

10.3791/62128

URL

jove.com/video/62128

Materials

Name	Company	Catalog Number	Comments
Allen brain atlas	Allen Institute	mouse brain - reference atlas	
analgesic: ketoprofen OR buprenorphine			
anesthetic: Isoflurane OR ketamine / xylazine OR fentanyl / medetomidine			
blades - surgical sterile	Oasis Medical	No 10	
capillaries - glass	Stoelting	50811	
capillary puller	Sutter Instruments	P-97	
cotton-tipped applicators	Stoelting	50975	
drill - dental	Freedom	MH-170	
Ethanol 70%			
eye drops (Liquigel)	CVS	NDC 0023-9205-02	Carboxymethylcellulose Sodium (1%), Boric acid; calcium chloride; magnesium chloride; potassium chloride; purified water; PURITE® (stabilized oxychloro complex); sodium borate; and sodium chloride
forceps - full curved	Stoelting	52102-38P	
forceps - hemostatic delicate	Stoelting	52110-13	
gauze - cotton absorbent			
H2O - sterile			
H2O2 30%	Sigma Aldrich	216763	
Hamilton 5ul syringe	Hamilton Company	7634-01	
Hamilton blunt metal needle	Hamilton Company	7770-01	
heat pad - far infrared	Kent Scientific	2665967	
Iodine solution (Dynarex) 10%	Indemedical	102538	
isoflurane	Baxter	1001936040	
lidocaine 0.5%			

lighter / matches			
microscope (Stemi 508 Boom stand)	Zeiss	435064-9000-000	
PBS sterile	Gibco - Thermo Fischer	10010-023	
pump (injector)	Stoelting	53311	
scalpel handle	Stoelting	52171P	
shaver - electrical	andis	64800	
solution to inject / material to implant			
stereotax - small animal digital	Kopf	Model 940	
sterilizer - glass bead	BT Lab Systems	BT1703	
tubing - heat-shrink	Nelco	NP221-3/64	
tweezers - dumont fine curved	Roboz	RS-5045A	
underpad - absorbent			
vaporizer for isoflurane (package)	Scivena Scientific	M3000	
wound clips and applier / remover	Stoelting	59040	
wound glue (Vetbond)	3M corporation	1469SB	