

Materials List for:

Laminotomy for Lumbar Dorsal Root Ganglion Access and Injection in Swine

Mark D. Unger¹, Timothy P. Maus², Ross C. Puffer³, Laura K. Newman¹, Bradford L. Currier⁴, Andreas S. Beutler¹

¹Departments of Anesthesiology and Oncology, Mayo Clinic, Translational Science Track, Mayo Graduate School

²Department of Radiology (Section of Interventional Pain Management), Mayo Clinic

³Department of Neurologic Surgery, Mayo Clinic

⁴Department of Orthopedic Surgery, Mayo Clinic

Correspondence to: Timothy P. Maus at maus.timothy@mayo.edu, Andreas S. Beutler at beutler.andreas@mayo.edu

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Materials

Name	Company	Catalog Number	Comments
Large humane animal sling	Britz & Company	002539	Modified to include abdominal aperture
Adhesive patient return electrode - 9 inch	Medtronic	E7506	-
Ranger blood & fluid warming system	3M	24500	-
Lactated Ringer's fluid	Hospira	0409-7953-09	-
Force air warming device	3M	77500	-
Duraprep solution with applicator, 26 mL (0.7% iodine povacrylex, 74% isopropyl alcohol)	3M	8630	-
Sterile disposable surgical towels	Medline	MDT2168286	-
Ioban 2 incise drape	3M	6651EZSB	-
Disposable suction canister and tubing	Medline	DYND44703H	-
Button switch electro-surgical monopolar pencil	Medtronic	E2450H	-
Fine smooth straight bipolar electro-surgical forceps, 4 1/2 inch	Bovie	A826	-
#15 blade	Miltex	4-315	-
#11 blade	Miltex	4-311	-
4 x 4 surgical gauze	Dynarex	3262	-
Weitlaner self-retaining retractor, 8 inch	Miltex	11-618	-
Meyerding self-retaining retractor, 1 x 2 3/8 inch	Sklar	42-2078	-
Gelpi self-retaining retractor, 7 inch	Sklar	60-6570	-
Freer elevator, 5 mm	Medline	MDS4641518F	-
Bone wax	Ethicon	W31G	-
Spurling intervertebral disc rongeur, 3 mm	Sklar	42-2852	-
Spurling 45-degree, up-biting Kerrison rongeur, 2 mm	Medline	MDS4052802	-
Leksell angled rongeur, 2 mm	Sklar	40-4097	-
Gelfoam, size 50	Pfizer	AZL32301	-
Cottonoid patty	Medtronic	8004007	-
Frazier suction tip, 6 Fr	Sklar	50-2006	-

Frazier suction tip, 10 Fr	Sklar	50-2010	-
Dandy blunt right angle nerve hook	Medline	MDS4005220	-
Nylon suture, 6-0	Ethicon	697G	-
Castroviejo smooth micro needle holder	Medline	MDG2428614	-
22 gauge Quinke point spinal needle	Halyard Health	18397	-
32 gauge CED needle with locking Luer hub	See comments	n/a	As in: Pleticha, J., Maus, T.P., Christner, J.A., Marsh, M.P., Lee, K.H., Hooten, W.M., Beutler, A.S. Minimally invasive convection-enhanced delivery of biologics into dorsal root ganglia: validation in the pig model and prospective modeling in humans. Technical note. J Neurosurg. 121(4), 851-8 (2014).
Polyethylene tubing, 5 feet	Scientific Commodities	BB31695-PE/05	-
Monoject syringe, 3 mL	Kendall	SY15352	-
NanoJet syringe pump	Chemyx	10050	-
DAPI	Sigma-Aldrich	D9542	-
Fast Green FCF	Sigma-Aldrich	F7252	-
Bulb irrigation syringe	Medline	DYND20125	-
Fine-toothed Adson forceps	Medline	MDS1000212	-
Vicryl suture, 0	Ethicon	J603H	-
Vicryl suture, 2-0	Ethicon	J317H	-
Needle counter	Medline	NC20FBRGS	-
Steri-strip skin closure, 1/2x4 inch	3M	R1547	-