

Materials List for:

Controlled Cervical Laceration Injury in Mice

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Materials

Name	Company	Catalog Number	Comments
Mice vertebral stabilizer	Louisville Impactor System		Stabilize and expose the cervical vertebra
LISA vibraknife	Louisville Impactor System		Produce the laceration injury of the cervical spinal cord
Spring Scissors	Fine Science Tools (USA)	15013-12	Skin and trapezius muscle incision
Spring Scissors	Fine Science Tools (USA)	15023-10	Separate muscles from the laminae
Spring Scissors	Fine Science Tools (USA)	15002-08	Incision of dura
Graefe forceps	Fine Science Tools (USA)	11154-10	Retract skin
Dumont #7 forceps	Fine Science Tools (USA)	11274-20	Muscle retraction (tip modified)(Fig. A)
Dumont SS forceps	Fine Science Tools (USA)	11203-25	Fixation of vertebra (tip modified) (Fig.B)
30G needle	Becton Dickenson	305106	Create a dural opening
6-0 suture	Ethicon	8806H	Close muscle and fascial layers
wound clip	Fine Science Tools (USA)	12031-07	Skin closure
Tribrom- <i>thanol</i> (Avertin)	Sigma-Aldrich	90710-10G	Anesthetic agent
Louisville Impactor System, Inc, 210 E. Gray St., Suite 1102, Louisville, KY 40202, (502) 629-5510, E-mail: cbshields1@gmail.com Fine Science Tools (USA), Inc, 373-G Vintage Park Drive, Foster City, CA 94404-1139, (800) 521-2109, E-mail: info@finescience.com Becton Dickenson, 1 Becton Drive, Franklin Lakes, NJ USA 07417, (201) 847-6800 Ethicon, Route 22 West, Somerville, NJ 08876 1-877-ETHICON Sigma-Aldrich Corp. St. Louis, MO, USA, 63178 (314) 771-5765, E-mail: cssorders@sial.com			
Figure A is the modified Dumont #7 forceps; B is the modified Dumont SS forceps.			