

Materials List for

Multifactorial Assessment of Motor Behavior in Rats after Unilateral Sciatic Nerve Crush Injury

Susanne Knorr¹, Lisa Rauschenberger¹, Tami Lang¹, Jens Volkmann¹, Chi Wang Ip¹

¹Department of Neurology, University Hospital of Würzburg

Corresponding Author

Chi Wang Ip

ip_c@ukw.de

Citation

Knorr, S., Rauschenberger, L., Lang, T., Volkmann, J., Ip, C.W. Multifactorial Assessment of Motor Behavior in Rats after Unilateral Sciatic Nerve Crush Injury. *J. Vis. Exp.* (173), e62606, doi:10.3791/62606 (2021).

Date Published

July 31, 2021

DOI

10.3791/62606

URL

jove.com/video/62606

Materials

Name	Company	Catalog Number	Comments
Acetic acid, ≥99.8%	Sigma-Aldrich	33209-1L	
Appose ULC skin stapler 35W	Covidien	8886803712	
Beam	self made		
Bepanthen eye cream	Bayer Vital GmbH	81552983	
Box for OFT	self made		
Camcorder GC-PX100	JVC		
Catwalk XT	Noldus		setup and software
Chamber for isofluran	GT-Labortechnik		custom made
Disposable scalpel No. 11	Feather	20.001.30.011	
Dräger Vapor 19.3 isoflurane system	Dr. Wilfried Müller GmbH		
Dumont #2 - laminectomy forceps	Fine Science Tools	11223-20	
Dumont #5 forceps	Fine Science Tools	11251-30	super-fine
Dustless precision pellets 45 mg	Bio-Serv	F0021	
EthoVision XT	Noldus		setup and software
Forceps 160 mm	Hartenstein	PZ09	
Gas anesthesia mask, rat	Dr. Wilfried Müller GmbH		
Goal box for ladder rung walking task apparatus	self made		
Hair clipper Magnum 5000	Wahl GmbH		
Hardened fine scissors	Fine Science Tools	14090-11	
Heating table	MEDAX	13801	
Isofluran CP 1ml/ml, 250 ml	cp-pharma	1214	prescription needed
Kinovea	www.kinovea.org		
Ladder rung walking task apparatus	self made		
Needleholder	KLS Martin	20-526-14-07	
Octeniderm	Schülke	118211	
Rimadyl 50 mg/ml, injectable	Zoetis		Carprofen, prescription needed
Rubber band retractors	self made		

Spacer for beam	self made		
Spacer for ladder rung walking task apparatus	self made		
Suture Silkam 4/0 DS 19	B. Braun	C0762202	
Ultra fine hemostats (non-serrated clamp)	Fine Science Tools	13020-12	