

Materials List for:

Experimental Strategies to Bridge Large Tissue Gaps in the Injured Spinal Cord after Acute and Chronic Lesion

Nicole Brazda*¹, Veronica Estrada*¹, Christian Voss^{2,3}, Klaus Seide³, Hoc Khiem Trieu², Hans Werner Müller¹

¹Molecular Neurobiology Laboratory, Department of Neurology, Heinrich-Heine-University Medical Center

²Institute of Microsystems Technology, Hamburg University of Technology

³Biomechanical Laboratory, BG Trauma Center Hamburg

*These authors contributed equally

Correspondence to: Hans Werner Müller at HansWerner.Mueller@uni-duesseldorf.de

URL: <https://www.jove.com/video/53331>

DOI: [doi:10.3791/53331](https://doi.org/10.3791/53331)

Materials

Name	Company	Catalog Number	Comments
PEG 600 Ph Eur	Merck/VWR	8,170,041,000	
Gelastyp gelatine sponge	sanofi Aventis	PZN-8789582	
Nescofilm Sealant	Roth	2569.1	
Baytril	Bayer		
Rimadyl (Carpofen)	Pfizer		
Forene (Isoflurane)	Abbvie		
Kodan (skin disinfectant)			
Histoacryl (tissue glue)			
Friedman-Pearson Rongeur, 1 mm cup, straight	Fine Science Tools	16020-14	
Two-in-one Micro Spatula - 12 cm	Fine Science Tools	10091-12	
Dumont #7 Forceps - Inox Medical	Fine Science Tools	11273-20	
Dumont #5/45 Forceps - Inox Medical	Fine Science Tools	11253-25	
Spinal cord hook	Fine Science Tools	10162-12	
Scissors	Fine Science Tools	14078-10	
Clamp	Aesculap	EA016R	
Ethicon Vicryl 4-0			
Bepanthen Augen- und Nasensalbe	Bayer		
Anatomical forceps	Fine Science Tools	11000-13	
Self-retaining retractor	Fine Science Tools	17008-07	
Skin clamp	Fine Science Tools	13008-12	
Aluspray	Selectavet		