

Materials List for:

# In Vivo Intracellular Recording of Type-Identified Rat Spinal Motoneurons During Trans-Spinal Direct Current Stimulation

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## Materials

Name	Company	Catalog Number	Comments
<b>Durges and solutions</b>	-	-	-
Atropinum sulfuricum	Polfa Warszawa	-	-
Glucose	Merck	346351	-
NaHCO <sub>3</sub>	Merck	106329	-
Pancuronium Jelfa	PharmaSwiss/Valeant	-	Neuromuscular blocker
Pentobarbital sodium	Biowet Puławy Sp. z o.o	-	Main anesthetic agent
Pottasium citrate	Chempur	6100-05-06	-
Tetraspan	Braun	-	HES solution
<b>Surgical equipment</b>	-	-	-
21 Blade	FST	10021-00	Scalpel blade
Cauterizer	FST	18010-00	-
Chest Tubes	Mila	CT1215	-
Dumont #4 Forceps	FST	11241-30	Muscle forceps
Dumont #5 Forceps	FST	11254-20	Dura forceps
Dumont #5F Forceps	FST	11255-20	Nerve forceps
Dumont #5SF Forceps	FST	11252-00	Pia forceps
Forceps	FST	11008-13	Blunt forceps
Forceps	FST	11053-10	Skin forceps
Hemostat	FST	13013-14	-
Rongeur	FST	16021-14	For laminectomy
Scissors	FST	15000-08	Vein scissors
Scissors	FST	15002-08	Dura scissors
Scissors	FST	14184-09	For trachea cut
Scissors	FST	104075-11	Muscle scissors
Scissors	FST	14002-13	Skin scissors
Tracheal tube	-	-	Custom made
Vein catheter	Vygon	1261.201	-
Vessel cannulation forceps	FST	18403-11	-
Vessel clamp	FST	18320-11	For vein clamping
Vessel Dilating Probe	FST	10160-13	For vein dissection
<b>Surgical materials</b>	-	-	-
Gel foam	Pfizer	GTIN 00300090315085	Hemostatic agent

Silk suture 4.0	FST	18020-40	-
Silk suture 6.0	FST	18020-60	-
<b>Equipment</b>	-	-	-
Axoclamp 2B	Molecular devices	discontinued	Intracellular amplifier/ new model Axoclamp 900A
CapStar-100 End-tidal CO2 Monitor	CWE	11-10000	Gas analyzer
Grass S-88	A-M Systems	discontinued	Constant current stimulator
Homeothermic Blanket Systems with Flexible Probe	Harvard Apparatus	507222F	Heating system
ISO-DAM8A	WPI	74020	Extracellular amplifier
Microdrive	-	-	Custom made/replacement IVM/ Scientifica
P-1000 Microelectrode puller	Sutter Instruments	P-1000	Microelectrode puller
SAR-830/AP Small Animal Ventilator	CWE	12-02100	Respirator
Support frame	-	-	Custom made/replacement lab standard base 51601/Stoelting
Spinal clamps	-	-	Custom made/replacement Rat spinal adaptor 51695/Stoelting
TP-1 DC stimulator	WinUE	-	tsDCS stimulator
<b>Miscellaneous</b>	-	-	-
1B150-4 glass capillaries	WPI	1B150-4	For microelectrodes production
Cotton wool	-	-	-
flexible tubing	-	-	For respirator and CO2 analyzer connection
MicroFil	WPI	MF28G67-5	For filling micropipettes
Silver wire	-	-	For nerve electrodes