

Materials List for:

# Chronic Transcranial Electrical Stimulation and Intracortical Recording in Rats

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## Materials

Name	Company	Catalog Number	Comments
Cyanoacrylate liquid	Henkel	Loctite 401	
Cyanoacrylate gel	Henkel	Loctite 454	
Wire for stimulation electrodes	Phoenix Wire Inc.	36744MHW - PTFE Microminiature Hook-Up Wire	
Board spacer	E-tec Interconnect	SP1-020-S378/01-55	
Connector	E-tec Interconnect	P2510I-02	
Tape packaging for stimulation electrodes	Nexperia	74HC1G00GW	Tape packaging of any integrated circuit with SOT-353 case can be used
Grip Cement Industrial Grade	Caulk Dentsply	675571 (powder) 675572 (solvent)	
Electroconductive gel	Rextra	ECG Gel	
Recording electrode wire	California Fine Wire Co.	.002 (50 micron) Tungsten 99.95% (CFW Material #: 100-211), HMI-Natural, cut to 3.0 inch pieces, Round, Cut length piece wire	
Ultrafine scissors	Hammacher Instrumente	Stainless HSB 544-09	
Stainless steel tube	Vita Needle Company	29 RW, 304SS Tubing, T.I.G. Welded and Plug	
High speed rotary saw	Dremel	Model # 395	
Rotary saw holder	Dremel	Model # 220	
Rotary saw cut-off wheel	Dremel	Model # 409	
Ocular sticks	Lohmann-Rauscher	Pro-ophta Ocular Sticks	
Wet disinfectant	Egis	Betadine	
Dry disinfectant	Wagner Pharma	Reseptyl-urea	
Drilling machine	NSK-Nakanishi United Kingdom	Vmax35RV Pack	
Anchoring screws	Antrin Miniature Specialties, Inc.	000-120x1/16 SL BIND MS SS	