

Materials List for:

# Stereotaxic Surgery for Implantation of Microelectrode Arrays in the Common Marmoset (*Callithrix jacchus*)

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## Materials

Name	Company	Catalog Number	Comments
<b>Equipments</b>			
683 Small Animal Ventilator	Harvard Apparatus, Inc.	55-0000	
Anesthesia Assembly	BRASMED	COLIBRI	
Barber Clippers	Mundial	HC-SERIES	
Dental Drill	Norgen	B07-201-M1KG	
Homeothermic Heating Pad and Monitor	Harvard Apparatus, Inc.	50-7212	
Marmoset Stereotaxic Frame	Narishige Scientific Instrument Lab	SR-6C-HT	
Patient Monitor and Pulse Oximeter	Bionet Co., Ltd	BM3	
Stereotaxic Micromanipulator	Narishige Scientific Instrument Lab	SM-15R	
Surgical Microscope	Opto	SM PLUS IBZ	
<b>Instruments</b>			
Allis tissue forceps	Sklar	36-2275	
Alm Retractor, rounded point, 4x4 teeth	Rhosse	RH11078	
Angled McPherson Forceps	Oftalmologiabr	11301A	
Curved Surgial Scissors	Harvard Apparatus, Inc.	72-8422	
Curved Tissue Forceps	Sklar	47-1186	
Delicate Dissection forceps	WPI	WP5015	
Dental Drill Bit	Microdont	ISO.806.314.001.524.010	
Essring Tissue Forceps	Sklar	19-2460	
FG 1/4 Dental Drill Bit	Microdont	ISO.700.314.001.006.005	
Halsey Needle Holder	WPI	15926-G	
Halstead Mosquito forceps	WPI	503724-12	
Hemostatic Forceps, Straight	Sklar	17-1260	
Jewler Forceps	Sklar	66-7436	
McPherson-Vannas Optthalmic microscissor, 3 mm point	Argos Instrumental	ARGOS-4004	
Pereosteal Raspatory	Golgran	38-1	
Scalpal Handle	Harvard Apparatus, Inc.	72-8354	

Screwdrivers	Eurotool	SCR-830.00	
Sodering Iron	Hikari	21K006	
Surgical Scissor	Harvard Apparatus, Inc.	72-8400	
Toothed forceps	WPI	501266-G	
<b>Disposables/Single Use</b>			
1 ml sterile syringe with 26 G needle	Descarpack	7898283812785	
130 cm x 140 cm surgical field, presterilized	ProtDesc	7898467276344	
24G Needle, presterilized	Descarpack	7898283812846	
50 cm x 50 cm surgical field, presterilized	Esterili-med	110100236	
Cotton Tipped Probes, Presterilized	Jiangsu Suyun Medical Materials Co. LTD	23007	
Cotton tipped Qutips	Higie Topp	7898095296063	
Electrode Array			Home made
Endotracheal tube without cuff, internal diameter 2.0 mm, outer diameter 2.9 mm	Solidor	7898913077201	
Tinned copper wire, 0.15 mm diameter			
M1.4x3 Stainless steel screws	USMICROSCREW	M14-30M-SS-P	
Medical Tape	Missner	7896544910102	
Nylon surgical sutures	Shalon	N540CTI25	
Scalpal Blade, presterilized	AdvantiVe	1037	
solder	Kester	SN63PB37	
Sterile Saline 0.9%	Isofarma	7898361700041	
Sterile Surgical Gloves	Maxitex	7898949349051	
Sterile Surgical Gown	ProtDesc	7898467281208	
Surgical Gauze, 15 cm x 26 cm presterilized	Héika	7898488470315	
Gelfoam	Pfizer		
<b>Drugs/Chemicals</b>			
0.25mg/ml Atropine	Isofarma		
10% Lidocaine Spray	Produtos Químicos Farmacêuticos Ltda.	7896676405644	
2.5% Enrofloxacino veterinary antibiotic	Chemitec	0137-02	
Dexametasona Veterinary Anti inflammatory	MSD	R06177091A-00-15	
Hydrogen Peroxide	Farmax	7896902211537	
Isoflourane	BioChimico	7897406113068	
Jet Acrylic polymerization solution	Artigos Odontológicos Clássico		
Jet Auto Polymerizing Acrylic	Artigos Odontológicos Clássico		
Ketamine 10%	Syntec		
Lidocaine and Phenylephrine 1.8 ml local anesthetic	SS White	7892525041049	
Povidone-Iodine solution	Farmax	7896902234093	
Riohex 2% surgical Soap	Rioquímica	7897780209418	

Silver Paint	SPI Supplies	05002-AB	
Tramadol chloride 50 mg/ml	União Química	7896006245452	
Refresh gel (polyacrylic acid)	Allergan		