Materials List for:

## Surgical Implantation of Chronic Neural Electrodes for Recording Single Unit Activity and Electrocorticographic Signals

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## **Materials**

Name	Company	Catalog Number	Comments
Bone Screw - #2-56 x 3/16, phillips pan head, 18-8 S/S	BoltDepot	7650	
Bone Screw - #2-56 x 1/8, phillips pan head, 18-8 S/S	BoltDepot	9617	
Large Oxygen Tank - Size K	Cryogenic Gases	OXKME	
Small Oxygen Tank - Size E	Cryogenic Gases	OXYE-AL	
Vannas-Tubingen Spring Scissors - 2.5mm Blade, Angled	Fine Science Tools	15002-08	
Dumont #5 Forceps, Teflon	Fine Science Tools	11626-11	
Dumont #5 Forceps, Dumostar	Fine Science Tools	11295-10	
Student Vannas Spring Scissors	Fine Science Tools	91500-09	
Adson Forceps	Fine Science Tools	11006-12	
Friendman-Pearson Ronqeur, Curved	Fine Science Tools	16221-14	
Iris Scissors - ToughCut	Fine Science Tools	14058-11	
Vannas-Tubingen Spring Scissors - 5mm Blade, Straight	Fine Science Tools	15003-08	
Scalpel Handle	Fine Science Tools	10003-12	
Plastic Sterilization Box	Fine Science Tools	20810-02	
Stainless Steel Ruler	Fine Science Tools	30086-15	
Probe & Spatula - Straight 14cm	Fine Science Tools	10090-13	
Hemostat Straight	Fine Science Tools	13002-10	
Hemostat Curved	Fine Science Tools	13003-10	
Micro Drill Stainless Steel Burrs - 0.7mm	Fine Science Tools	19008-07	10/Pack
Micro Drill Stainless Steel Burrs - 0.5mm	Fine Science Tools	19007-05	10/Pack
Self-Tapping Bone Screws - 1.17mm (diam) - 4.7mm (length)	Fine Science Tools	19010-00	100/Pack
Artificial Tears	Fisher Scientific	NC9860842	Each
Betadine	Fisher Scientific	19-066452	Bottle
F-AIR Carbon Filters	Fisher Scientific	NC9112250	Canister
Applicator Cotton Tipped, Non Sterile	Materiel Services	1104	10Pack/Case
Gauze 2" x 2"	Materiel Services	1630	25Pack/Case

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Needle tip, 23 GA x 1"	Materiel Services	39412	Sold by Case
Needle tip, 27 GA x 1.25"	Materiel Services	25251	
Needle tip, 30 GA x 0.5"	Materiel Services	22023	10Box/Case
Ointment, Triple Antibiotic 0.6g	Materiel Services	2528	
Pouch, Self Seal Sterilization Pouches, 3.5" x 8"	Materiel Services	1023	10Box/Case
Ringers Solution 1000ml	Materiel Services	5263	12Bag/Case
Scalpel Blade disposable sterile #15	Materiel Services	1975	3Box/Case
Suture, Nylon w/P-3 Needle, 5-0, 18in.	Materiel Services	4618	12/Box
Underpad, Disposable 23" x 36"	Materiel Services	2545	15Pack/Case
Lubricant, Jelly Surgical Sterile	Materiel Services	2538	12Box/Case
Absorbable Foam Gel 2cmx6cmx7mm	Materiel Services	3107	
Six Piece Set-Screw Screwdriver Set	National Jewelers Supplies	ETSCR98001	
Kwik Sil Adhesive	World Precision Instruments, Inc.	KWIK-SIL	
Kwik Sil Tubes	World Precision Instruments, Inc.	600009	
Chronic silicon electrodes 16 to 64 sites	NeuroNexus Technologies	Varies on Probe Design	
Chronic thin film surface electrodes (micr–CoG) 16 to 32 sites	NeuroNexus Technologies	Varies on Probe Design	