

Materials List for:

Cochlear Implantation in the Guinea Pig

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URL: <https://www.jove.com/video/56829>

DOI: [doi:10.3791/56829](https://doi.org/10.3791/56829)

Materials

Name	Company	Catalog Number	Comments
Scale			
Oxygen insufflator			
Shaver			
Sucker			
Povidone Iodine Solution			
Alcohol			
Laryngoscope			
Stomach tube			Fr 06, Lg 80 cm
Surgical binocular microscope			
Drill			
0.5 mm diamond burr			
1 mm diamond burr			
Heating plate			
Pulse oximeter			
Tissue glue			
Dental cement powder			
Fluid for dental cement powder			
Bipolar cautery			
Gauze compress			
Cotton bud			
Cement mixing bowl			
Teflon insulated gold wire			99.99 % gold, diameter: 0.125 mm, isolation: 0,016 mm, PTFE (Polytetrafluoroethylen)
Scalpel with blade No. 10			
Scalpel with blade No. 15			
Scissors			
Mosquito forceps			
Dressing forceps			
Tissue forceps			
Delicate dressing forceps 2X			
Micro forceps			
Screw driver			
Stainless steel screws			diameter: 1 mm

Retractor			
Needle probe			
Spatula			
Needle holder			
5-0 absorbable sutures			
Needle 23G			
Needle 27G			
Medetomidine 1 mg/mL			0.36 mg/kg
Midazolam g mg/mL			1.2 mg/kg
Fentanyl 50 µg/mL			0.036 mg/kg
Ketamine 100 mg/mL			12 mg/kg
Lidocaine (local anesthesia)			4 mg/kg
Atipamezole 5 mg/mL			1 mg/kg
Flumazenil 0.1 mg/mL			0.1 mg/kg
Enrofloxacin 100 mg/mL			7 mg/kg
Buprenorphin 0.3 mg/mL			0.05 mg/kg
Physiological Saline (at body temperature)			12.5 mL/Kg (pre-surgery)
Glucose 5 % (preoperative, at body temperature)			12.5 mL/Kg
Physiological Saline (at body temperature)			25 mL/kg (post-surgery)