

Materials List for:

Modeling Brain Metastases Through Intracranial Injection and Magnetic Resonance Imaging

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Materials

Name	Company	Catalog Number	Comments
Surgical Materials			
Betadine	Purdue Products	19-027132	Povidone-iodine, 7.5%
Bone Wax	Surgical Specialities	903	Sterile and malleable beeswax and isopropyl palmitate
Buporphine SR-Lab	ZooPharm	N/A	Long acting injectable analgesic 5 mL (0.5 mg/mL) polymetric formulation
Cotton tip applicators	Puritan	25-806 10WC	Sterile long stemmed cotton tip applicators
Eye Ointment	Puralube	17033-211-38	Lubricating petrolatum and mineral oil based ophthalmic ointment
Handwarmers	Hothands	HH2	Air-activated heat packs
Ibuprofen	Up & Up	094-01-0245	100mg per 5mL in liquid suspension
Isoflurane	Henry Schein INC	1182097	Liquid anesthetic for use in anesthetic vaporizer
Scalpels	Integra Miltex	4-410	#10 disposable scalpel blade
Skin Glue	Vetbond	1469SB	Skin safe wounds adhesive
Sterile Dressing	TIDI Products	25-517	Individually packed sterile drapes
Suture	Covidien	SP5686G	45cm swedged 5-0 monofilament polypropylene suture
Stereotaxic Unit			
High Speed Drill (Foredom)	Kopf	Model 1474	Max of 38,000 RPM
Mouse Gas Anesthesia Head Holder	Kopf	Model 923-B	Mouth bar with teeth hole and nosecone
Non-Rupture Ear Bars	Kopf	Model 922	Ear bars suitable for mouse applications
Stereotaxic Instrument	Kopf	Model 940	Base plate, frame and linear scale assembly with digital readout monitor
Injector			
Injector Needle and syringe	Hamilton	80366	26 gauge needle, 51 mm needle length and 10 µL volume syringe
Legato 130A automated Syringe Pump	KD Scientific	P/N: 788130	Programmable touch screen base with automated injector

Anesthesia Machine			
SomnoSuite Low-Flow Digital Vaporizer	Kent Scientific	SS-01	Digital anesthesia machine
SomnoSuite Starter Kit for mice	Kent Scientific	SOMNO-MSEKIT	Includes induction chamber, 2x anesthesia syringes, 18" tubing, plastic nosecone, 2x waste anesthesia gas canisters