

Materials List for:

Deep Brain Stimulation with Simultaneous fMRI in Rodents

John Robert Younce^{1,2,5}, Daniel L Albaugh^{1,2,4}, Yen-Yu Ian Shih^{1,2,3,4}

¹Department of Neurology, University of North Carolina

²Biomedical Research Imaging Center, University of North Carolina

³Department of Biomedical Engineering, University of North Carolina

⁴Curriculum in Neurobiology, University of North Carolina

⁵School of Medicine, University of North Carolina

Correspondence to: Yen-Yu Ian Shih at shihy@neurology.unc.edu

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Materials

Name	Company	Catalog Number	Comments
Isoflurane (Forane)	Baxter	1001936060	
Dexmedetomidine (Dexdomitor)	Pfizer	145108-58-3	
Pancuronium Bromide	Selleckchem	S2497	
9.4 T Small Animal MRI	Bruker		BioSpec System with BGA-9S gradient
Sterotactic Frame	Kopf		Model 962
Small Animal Ventilator	CWE, Inc.	12-02100	Model SAR-830
Dental Cement	A-M Systems	525000	Teets Cold Curing
MouseOx Plus System	STARR Life Science Corp.		
Capnometer	Surgivet, Smith Medical		V9004 Series
Stimulus Isolator	World Precision Instruments		Model A365
MR-compatible Brass Screws	McMaster Carr	94070A031	0-80 thread size, 1/4 in. Can be cut to desired length.
Tungsten Wire	California Fine Wire Company	100211	Used to construct MR-compatible stimulating microelectrode
Syringe Pump	Harvard Apparatus		Model PHD 2000 (not MRI-compatible)