

Materials List for:

A General Method for Evaluating Deep Brain Stimulation Effects on Intravenous Methamphetamine Self-Administration

Vinita Batra¹, Glenn F. Guerin², Nicholas E. Goeders², Jessica A. Wilden^{1,2}

¹Department of Neurosurgery, Louisiana State University

²Department of Pharmacology, Toxicology, and Neuroscience, Louisiana State University

Correspondence to: Jessica A. Wilden at jwild2@lsuhsc.edu

URL: <https://www.jove.com/video/53266>

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Materials

Name	Company	Catalog Number	Comments
Rodent operant chambers	Med Associates, Inc	ENV-008CT	Med Associates Inc. PO Box 319 St. Albans, Vermont 05478 USA Phone: (802) 527-2343
Kopf Small Animal Stereotaxic Instrument with Digital Display Console	Kopf Instruments	Model 940	Kopf Phone: 1-877-352-3275 Fax: 1-818-352-3275 Email: sales@kopfinstruments.net
Z-Series 3-DSP Bioamp Processor	Tucker Davis Technologies	RZ5D	Tucker-Davis Technologies 11930 Research Circle Alachua, FL 32615 USA Ph: 386-462-9622 www.tdt.com
Z-Series 32-Channel Stimulator	Tucker Davis Technologies	IZ2-32	Software is accompanied by a manual that discusses how to program experiments using the OpenEx platform, which can be accessed here: http://www.tdt.com/files/manuals/OpenEx_User_Guide.pdf
48 Volt LI-ION Battery Pack for IZ2 Stimulator	Tucker Davis Technologies	LZ48-200	
32-Channel Splitter Box for PZ5	Tucker Davis Technologies	S-BOX_PZ5	
OpenEx Ext Software Package for Multi-Channel Neural Recording	Tucker Davis Technologies	OpenEx	
Platinum-iridium stimulating electrodes	Plastics One Inc	MS303/8-B/SPC ELECT PT 2C TW .005"	Plastics One Inc P.O.Box 21465, S.W. Roanoke, VA 24018, PH 540-772-7950
2-channel cables between stimulator and commutator	Plastics One Inc	305-441/2 W/ Spring	
2-channel cables between commutator and electrode pedestal	Plastics One Inc	305-305 W/ Spring	
4-channel commutators	Plastics One Inc	SL2+2C and SL2+SC/SB	