

Materials List for:

# Intrastriatal Injection of Autologous Blood or Clostridial Collagenase as Murine Models of Intracerebral Hemorrhage

Beilei Lei<sup>1</sup>, Huaxin Sheng<sup>1</sup>, Haichen Wang<sup>2</sup>, Christopher D. Lascola<sup>3</sup>, David S. Warner<sup>1,4</sup>, Daniel T. Laskowitz<sup>1,2,4</sup>, Michael L. James<sup>1,2</sup>

<sup>1</sup>Multidisciplinary Neuroprotection Laboratories, Department of Anesthesiology, Duke University

<sup>2</sup>Department of Neurology, Duke University

<sup>3</sup>Department of Radiology, Duke University

<sup>4</sup>Department of Neurobiology, Duke University

Correspondence to: Michael L. James at [michael.james@duke.edu](mailto:michael.james@duke.edu)

URL: <http://www.jove.com/video/51439>

DOI: [doi:10.3791/51439](https://doi.org/10.3791/51439)

## Materials

Name	Company	Catalog Number	Comments
Stereotactic frame	Stoelting Co.	51603	
Probe holder with corner clamp	Stoelting Co.	51631	
Mini grinder	Power Glide	Model 60100002	
0.5 µl syringe	Microliter	86259	25 G needle
5 µl syringe	Microliter	7637-01	
30 G microliter syringe	Microliter	7762-03	
Syringe pump	KD Scientific	Model 100	
Heat therapy water pump	Gaymar Industries, Inc.	Model# TP650	
Circulating waterbed	CMS Tool & Die, Inc.		
Rodent ventilator	Harvard Apparatus	Model 683	
Isoflurane vaporizer	Drager	Vapor 19.1	
Air flowmeter	Cole Parmer	Model PMR1-010295	
Induction chamber			Self made
Otoscope	Welch Allyn	22820	
Intravenous catheter	Becton-Dickinson	381534	20 G, 1.16 inch Insite-W
Isoflurane	Baxter Healthcare Corporation	NDC10019-360-69	
Collagenase Type IV-S	Sigma	C1889	
Polyethylene tubing PE10	Becton-Dickinson	427401	
27 G 1 1/4 inch needle	Becton-Dickinson	305136	
Surgical scissors	Miltex	21-539	
Forceps	Miltex	17-307	
Needle holder	Boboz	RS-7840	
Monofilament suture	Ethicon	8698	Size 5-0
Indicating controller	YSI	73ATD	