

Materials List for:

Utilizing the Modified T-Maze to Assess Functional Memory Outcomes After Cardiac Arrest

Celeste Y. C. Wu^{1,2}, Francesca M. Lerner⁴, Alexandre Couto e Silva³, Harlee E. Possoit^{1,2}, Tsung-Han Hsieh^{1,2}, Jake T. Neumann⁵, Alireza Minagar¹, Hung Wen Lin^{1,2,3}, Reggie H. C. Lee^{1,2}

¹Department of Neurology, Louisiana State University Health Science Center

²Center for Brain Health, Louisiana State University Health Science Center

³Department of Cellular Biology and Anatomy, Louisiana State University Health Science Center

⁴Department of Neurology, Cerebral Vascular Disease Research Laboratories, University of Miami Miller School of Medicine

⁵Department of Biomedical Sciences, West Virginia School of Osteopathic Medicine

Correspondence to: Reggie H. C. Lee at hlee6@lsuhsc.edu

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Materials

Name	Company	Catalog Number	Comments
3D Printer	MakerBot	Replicator	Fifth generation
3D Printer Filament	Hatchbox		PLA, 1.75 mm filament diameter
200 Proof Pure Ethanol	Koptec	V1005SG	
Sani-Chips	PJ Murphy-Forest Products		Size: 8 to 20 mesh; 2.2 cubic foot/package; autoclavable bags
Rat	Charles River Laboratories	Sprague-Dawley	
Vecuronium bromide	Sun Pharmaceutical	47335-931-40	10 mg
Epinephrine	Par Pharmaceutical	42023-103-01	Adrenalin Chloride Solution 1 mg/mL, 1:1000
Buprenorphine Hydrochloride Injection	Pfizer	00409-2012-32	0.3mg/mL
SketchUp	Trimble Inc.		3D modeling software
VentElite Small Animal Ventilator	Harvard Apparatus	55-7040	Animals ranging in size from mouse to guinea pig (10g to 1kg)
PowerLab 8/35	Adinstruments	PL3508	8 analog input channels – 4 of which can be used in differential mode.
Bio Amps	Adinstruments	FE132	The Bio Amp is a galvanically isolated, high-performance differential bio amplifier optimized for the measurement of a wide variety of biological signals such as ECG, EMG and EEG recordings.
Quad Bridge Amp	Adinstruments	FE224	A four-channel, non-isolated bridge amplifier designed to allow the PowerLab to connect to most DC bridge transducers.
LabChart 8	Adinstruments		
ABL80 FLEX CO-OX blood gas analyzer	Radiometer		pH / p CO ₂ / p O ₂
SURFLO Teflon I.V. Catheter	Terumo	sc-361556	Only use the flexible thin wall catheter (49-mm long)
Pipet/Infusion Needle	Hamilton	7748-03	17-gauge; 93-mm long; 10-degree angle
Classic T3 Vaporizer	SurgiVet	VCT302	Classic T3 Isoflurane Funnel Fill

ENVIRO-PURE Charcoal Canister	SurgiVet	32373B10	Designed to absorb waste anesthetic gas
O ₂ single flowmeter	SurgiVet	32375B1	0-1000 mL
N ₂ O Flowmeter	VetEquip	401721	0-4LPM
Clay Adams Intramedic Luer-Stub Adapter (Sterile)	Becton Dickinson	427565	23 gauge
Micro Forceps	Black and Black surgical	B3FRC-18 RM-8	7 1/4" (18 cm), 8mm RH, counterweight w/ guide pin 2mm, platform 6 x .3 mm, curved.
Halstead Mosquito Forceps	Roboz	RS-7111	Curved; 5" Length, 1.3 mm tip diameter, 2.1 mm jaw width
Mixter Forceps	Roboz	RS-7291	5.25" Curved Extra Delicate, 1.1 mm tips
Castroviejo Micro Dissecting Spring Scissors	Roboz	RS-5650	Straight, Sharp Points; 9 mm Cutting Edge; 0.15 mm Tip Width; 3 1/2" Overall Length
Mayo-Stille Scissors	Roboz	RS-6891	5.5" Round Curved
Dumont #5 Forceps	Roboz	RS-5058	45 Deg Dumoxel Tip Size .10 x .06 mm
Olsen-Hegar Combination Scissor And Needle Holder	Roboz	RS-7884	Cross Serration Tip; 5.5" Length
Moloney Forceps	Roboz	RS-8254	Serrated; Slight Curve; 4.5" Length