

Materials List for:

# Performing Permanent Distal Middle Cerebral with Common Carotid Artery Occlusion in Aged Rats to Study Cortical Ischemia with Sustained Disability

Christina Wayman<sup>\*1,2</sup>, Denise A. Duricki<sup>\*1,2</sup>, Lisa A. Roy<sup>3</sup>, Barbara Haenzi<sup>1</sup>, Shi-Yen Tsai<sup>4</sup>, Gwendolyn Kartje<sup>4,5,6</sup>, John S. Beech<sup>7</sup>, Diana Cash<sup>2</sup>, Lawrence Moon<sup>1</sup>

<sup>1</sup>Wolfson Centre for Age-Related Diseases, King's College London, University of London

<sup>2</sup>Department of Neuroimaging, James Black Centre, Institute of Psychiatry, King's College London, University of London

<sup>3</sup>Institute of Neuroscience and Psychology, Wellcome Surgical Institute, College of Medical, Veterinary and Life Sciences, University of Glasgow, Glasgow

<sup>4</sup>Research Service, Edward Hines Jr. VA Hospital

<sup>5</sup>Neurology Service, Edward Hines Jr. VA Hospital

<sup>6</sup>Department of Molecular Pharmacology and Therapeutics, Neuroscience Research Institute, Loyola University Chicago

<sup>7</sup>Department of Oncology, The Gray Institute for Radiation, Oncology and Biology, University of Oxford

\*These authors contributed equally

Correspondence to: Lawrence Moon at [lawrence.moon@kcl.ac.uk](mailto:lawrence.moon@kcl.ac.uk)

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## Materials

Name	Company	Catalog Number	Comments
Carprofen	Norbrook	Vm No; 02000/4229	give 0.25 mg/kg
Atropine Sulfate	AmTech	RXATRINJ-100	
Alcohol swabs	UHS	20021	
Lidocaine cream (Emla)	AstraZeneca	0012901	Apply a pea sized drop to the shaved neck and temporal regions
Homeothermic Blanket System	Harvard Instruments	507222F	
Forceps	Fine Science Tools	11019-12	
Isoflurane	Abbott	B506	
Silk sutures	Harvard Apparatus	723288	
Cautery system	Eschmann		
0.25 mm Jeweler cautery forceps	Eschmann	8330349	
fine Dumont forceps	Fine Science Tools	11251-10	
Thumb driven saline drip system			
Vacunsafe aspirator system	INTEGRA BIOSCIENCES	158320	
1.6 mm coarse diamond coated Steel burrs		K801 104 016	
Handheld dental drill	NSK	NSKVMAXVRE (Handpiece NSKEX6B)	
Vannas Spring Scissors	Fine Science Tools	15000-03	
Microvascular scissors	World Precision Instruments	501790	
4-0 Vicryl sutures	Ethicon		
Vascular clip and applicator			
Operating microscope	Zeiss		
Compact Anaesthesia System Isoflurane K/F Single Gas	VetTech Solutions		
Carbon Steel Scalpel blades No. 10	Swann-Morton	201	
25 g needles	Terumo	NN-2525R	
syringes (1 ml and 5 ml)	Terumo	SS+01T1 / SS*05SE1	

Saline (Sodium Chloride 0.9%)	Fresenius Kabi	PI 08828/0178	
cotton buds	Johnson and Johnson	5000207582502	sterilize before use
gauze			sterilize before use
Medical Imaging Package (Jim)	Xinapse		Free software
Statistical Parametric Mapping Software (SPM8)	UCL		Free software
Power Analysis Software (G*Power)	Universität Düsseldorf		Free software