

Supplemental Material

Gradual Carotid Artery Stenosis in Mice Closely Replicates Hypoperfusive Vascular Dementia in Humans

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Supplemental Movie Legend

Supplemental Video S1: Surgical implantation of ameroid constrictor (AC)

Through a midline cervical incision, a left common carotid artery (CCA) is exposed and freed from their sheaths including left vagus nerve. A 4-0 silk suture is placed around the CCA. The artery was gently lifted by this suture, the AC is implanted surgically on the CCA, and the suture is removed.