

Accepted Manuscript

Title: Refinement of embolic stroke model in rats: effect of post-embolization anesthesia duration on arterial blood pressure, cerebral edema and mortality

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PII: S0165-0270(18)30191-2
DOI: <https://doi.org/10.1016/j.jneumeth.2018.06.012>
Reference: NSM 8034

To appear in: *Journal of Neuroscience Methods*

Received date: 25-3-2018
Revised date: 18-6-2018
Accepted date: 19-6-2018

Please cite this article as: Chuang BTC, Liu X, Lundberg AJ, Toung TJK, Ulatowski JA, Koehler RC, Refinement of embolic stroke model in rats: effect of post-embolization anesthesia duration on arterial blood pressure, cerebral edema and mortality, *Journal of Neuroscience Methods* (2018), <https://doi.org/10.1016/j.jneumeth.2018.06.012>

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Refinement of embolic stroke model in rats: effect of post-embolization anesthesia duration on arterial blood pressure, cerebral edema and mortality

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Highlights

- Injection of a blood clot into the internal carotid artery more closely mimics clinical ischemic stroke than most other models, but the common carotid artery is usually occluded for 30–60 min to stabilize the clot while the animal remains anesthetized. Here, we refined the model by demonstrating a substantial benefit of limiting the post-embolization anesthesia to 30 minutes.

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