

Resource Summary Report

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Induce Stroke via Hypoxia-Ischemia

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Proper Citation

Ian Simpson 2019. Induce Stroke via Hypoxia-Ischemia. protocols.io
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Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.8e5htg6>

Authors: Ian Simpson

Group: Diabetic Complications Consortium

Summary: This document describes the procedure for inducing a stroke in diabetic RCS10 mice, their non-diabetic controls and NON/ShiLtJ control mice. Our initial objective was to use those RCS10 mice that did not become diabetic as the controls for the experiment to compare the effect of diabetes on stroke outcome and that data is illustrated in Figure 2. However, with further breeding the numbers of non- diabetic RCS 10 mice at twenty weeks of age were so few that it became necessary to use the NON/ShiLtJ mice which are 85% genetically identical to the RCS10 mice and stroke outcome is illustrated in Figure 3. Diabetic Complications:

Affiliations: Pennsylvania State University

External URL: <https://diacomp.org/shared/document.aspx?id=251&docType=Protocol>

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