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August 21 <sup>st</sup> , 2012	3	1

Queen's University

Principal Investigators, Research Staff, Veterinary Staff

The purpose of this Standard Operating Procedure (SOP) is to describe approved techniques for the humane killing of rodents using physical methods.

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August 21<sup>st</sup>, 2012

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<http://oslovet.norecopa.no/teaching/mouse/techniques/rederive/default.html>

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Anesthesia is also a requirement and must be described in the AUP.

Animals may be exsanguinated to harvest large volumes of blood, but only when deeply anesthetized (surgical plane).

Deeply anesthetize animal according to SOP 10.6 "Anesthesia in Rats".

Collect blood from the heart via cardiac puncture technique. (See SOP: 10.10.3 Cardiac Puncture Blood Collection)

To confirm death, monitor animal for the

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August 21 <sup>st</sup> , 2012	3	5

[Journal of the American Association for Laboratory Animal Science](#), Volume 45, Number 1, January 2006, pp. 98-105(8) James Artwohl, Patricia Brown, Brian Corning and Susan Stein  
Report of the ACLAM Task Force on Rodent Euthanasia

<https://www.ccac.ca/Documents/Standards/Guidelines/Euthanasia.pdf>

Date	New Version
February 28 <sup>th</sup> , 2019	Triennial review
February 28 <sup>th</sup> , 2022	Triennial review
July 22 <sup>nd</sup> , 2024	Triennial review – updated format, removed neonate euthanasia, changed wording (humane kil14 10 Tf189(o)9(n)-4(a)86a0 G[10.73 182.60.2 Tm0 G(.)@c