

Central Lancashire Online Knowledge (CLoK)

Title	A comparison of the pharmacodynamic effects of intravenous ketamine- xylazine with alfaxalone in mute swans (Cygnus olor) presenting at a wildlife veterinary hospital		
Туре	Article		
URL	https://clok.uclan.ac.uk/39037/		
DOI	https://doi.org/10.1016/j.vaa.2021.03.014		
Date	2021		
Citation	Baldrey, Vicki, Stanford, Michael and Bacon, Heather (2021) A comparison of the pharmacodynamic effects of intravenous ketamine-xylazine with alfaxalone in mute swans (Cygnus olor) presenting at a wildlife veterinary hospital. Veterinary Anaesthesia and Analgesia. ISSN 1467-2987		
Creators	Baldrey, Vicki, Stanford, Michael and Bacon, Heather		

It is advisable to refer to the publisher's version if you intend to cite from the work. https://doi.org/10.1016/j.vaa.2021.03.014

For information about Research at UCLan please go to http://www.uclan.ac.uk/research/

All outputs in CLoK are protected by Intellectual Property Rights law, including Copyright law. Copyright, IPR and Moral Rights for the works on this site are retained by the individual authors and/or other copyright owners. Terms and conditions for use of this material are defined in the <u>http://clok.uclan.ac.uk/policies/</u> Table 1. Scoring system used to assess the quality of anaesthetic induction, maintenance and recovery in Mute Swans following the intravenous administration of either 10 mg kg⁻¹ alfaxalone or 0.28 mg kg⁻¹ xylazine/12.5 mg kg⁻¹ ketamine and subsequent administration of isoflurane in oxygen.

Score	Quality	Anaesthesia	Recovery
5	Excellent	Smooth induction, good muscle	Smooth, calm recovery, standing
		relaxation, physiological variables	at first attempt
		stable	
4	Very good	Smooth induction, some muscle tension	Smooth, calm recovery, mild
		during procedure but physiological	ataxia when attempting to stand
		variables stable	
3	Good	Minor agitation on induction, muscle	Some wing movements or ataxia
		tension during procedure, physiological	but no manual restraint required
		variables stable but higher concentration	
		isoflurane required	
2	Poor	Agitated induction, muscle tension	Moderate wing flapping,
		during procedure, transient apnoea post	disorientation, manual restraint
		induction, transient manual ventilation	required
		required	
1	Very poor	Agitated induction, poor muscle	Violent wing flapping, rolling or
		relaxation, prolonged apnoea following	ataxia, manual restraint required
		induction, manual ventilation required	