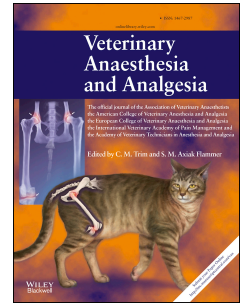


# Accepted Manuscript

The analgesic and physiologic effect of electroacupuncture combined with epidural lidocaine in goats

Lu-ying Cui, Ni-ni Guo, Yu-lin Li, Meng Li, Ming-xing Ding



PII: S1467-2987(17)30060-0

DOI: [10.1016/j.vaa.2016.10.003](https://doi.org/10.1016/j.vaa.2016.10.003)

Reference: VAA 86

To appear in: *Veterinary Anaesthesia and Analgesia*

Received Date: 2 December 2015

Revised Date: 14 October 2016

Accepted Date: 14 October 2016

Please cite this article as: Cui L-y, Guo N-n, Li Y-l, Li M, Ding M-x, The analgesic and physiologic effect of electroacupuncture combined with epidural lidocaine in goats, *Veterinary Anaesthesia and Analgesia* (2017), doi: 10.1016/j.vaa.2016.10.003.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

1 RESEARCH PAPER

2 *L-Y Cui et al.*

3 Electroacupuncture with lidocaine epidural

4 **The analgesic and physiologic effect of electroacupuncture combined with epidural**  
5 **lidocaine in goats**

6 Lu-ying Cui\*, Ni-ni Guo†, Yu-lin Li\*, Meng Li\* & Ming-xing Ding\*

7 \*College of Veterinary Medicine, Huazhong Agricultural University, Wuhan, Hubei, P.R.  
8 China

9 †Livestock and Poultry Breeding Center of Hubei Province, Wuhan, Hubei, P.R. China

10

11 **Correspondence:** Ming-xing Ding, College of Veterinary Medicine, Huazhong  
12 Agricultural University, Wuhan, Hubei 430070, P.R. China. E-mail:  
13 dmx@mail.hzau.edu.cn

14

15

16 **Abstract**

17 **Objective** To investigate physiologic and antinociceptive effects of electroacupuncture  
18 (EA) with lidocaine epidural nerve block in goats.

19 **Study design** Prospective experimental trial.

20 **Animals** Forty-eight hybrid male goats weighing mean  $\pm$  standard deviation  $27 \pm 2$  kg.

21 **Methods** The goats were randomly assigned to six groups: group L2.2, epidural lidocaine  
22 (2.2 mg kg<sup>-1</sup>); group L4.4, epidural lidocaine (4.4 mg kg<sup>-1</sup>); group EA (EA); group  
23 EA-L1.1, EA with epidural lidocaine (1.1 mg kg<sup>-1</sup>); group EA-L2.2, EA with epidural  
24 lidocaine (2.2 mg kg<sup>-1</sup>); and group EA-L4.4, EA with epidural lidocaine (4.4 mg kg<sup>-1</sup>). EA

Download English Version:

<https://daneshyari.com/en/article/8919914>

Download Persian Version:

<https://daneshyari.com/article/8919914>

[Daneshyari.com](https://daneshyari.com)