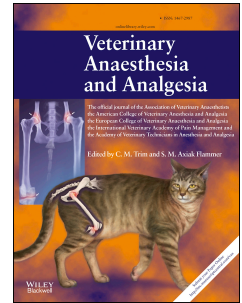


# Accepted Manuscript

Intratesticular and incisional line infiltration with ropivacaine for castration in medetomidine-butorphanol-midazolam sedated dogs

Yishai Kushnir, Noa Toledano, Liat Cohen, Tali Bdolah-Abram, Yael Shilo-Benjamini



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1 RESEARCH PAPER

2 *Y Kushnir et al.*

3 Intratesticular block in sedated dogs

4 **Intratesticular and incisional line infiltration with ropivacaine for castration in**

5 **medetomidine-butorphanol-midazolam sedated dogs**

6 Yishai Kushnir\*, Noa Toledano\*, Liat Cohen\*, Tali Bdolah-Abram† & Yael Shilo-Benjamini\*

7 \*Koret School of Veterinary Medicine, The Robert H. Smith Faculty of Agriculture, Food and

8 Environment, The Hebrew University of Jerusalem, Israel

9 †Hadassah Medical School, The Hebrew University of Jerusalem, Israel

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11 **Correspondence:** Yishai Kushnir, Koret School of Veterinary Medicine, The Robert H. Smith

12 Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem, P.O. Box

13 12, Rehovot 7610001 Israel. E-mail: kushniry@yahoo.com

14

15 **Abstract**

16 **Objectives** To evaluate whether intratesticular and incisional ropivacaine infiltration produces

17 sufficient intra- and postoperative analgesia for castrating dogs under sedation.

18 **Study design** Randomized, blinded, controlled, clinical study.

19 **Animals** Twenty-three healthy dogs weighing 5.8-35.6 kg admitted for castration.

20 **Methods** Dogs were sedated with medetomidine (0.01 mg kg<sup>-1</sup>), butorphanol (0.2 mg kg<sup>-1</sup>), and

21 midazolam (0.2 mg kg<sup>-1</sup>) intramuscularly, and were randomly assigned to 0.2-0.4 mL kg<sup>-1</sup> of

22 ropivacaine 0.5% (group R) or an equivalent volume of saline (group S) injected intratesticularly

23 and along the incision line. If persistent motion was observed during surgery, sedation was

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