

THINK
LOCAL(LY)
ACT GLOBALLY!

The local anaesthetic blocks you need

1



Local anesthesia

Complete analgesia

Anesthetic sparing

Inexpensive

Not controlled drugs

2

DRUG	ONSET TIME (mins)	DOSE* mg/kg	"TOXIC" DOSE mg/kg
Lidocaine	1-2 (<5)	2-6	Dog 11-20 Cat 6-10
Bupivacaine	2-10 (20)	1-2	Dog 5-11 Cat 3
Mepivacaine	2-5 (10)	2-5	Dog 29 Cat ?

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4

DISPENSING
PIN



NEW
NEEDLE



5

Intratesticular block



1-2 mg/kg LIDOCAINE



2 mg/kg LIDOCAINE

6

Video links are all at – scroll down the landing page to find the section on local anesthesia techniques and links:

<https://www.wsava.org/Committees/Global-Pain-Council>

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Value of IT blocks



Blunted nociceptive response to surgery – HR, MAP, HRV



Reduced isoflurane requirements
Blunted HR and BP response to surgery

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Original Article


jfms
 Journal of Feline
 Medicine and Surgery

Analgesic efficacy of intraperitoneal administration of bupivacaine in cats

Benito *et al* 2016

Bupivacaine (0.25%) 2 mg/kg

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Evaluation of targeted bupivacaine for reducing acute postoperative pain in cats undergoing routine ovariohysterectomy.

Fudge JM *et al* 2019 JFMS
 Epub ahead of print

Hill Country Animal League,
 Boerne, TX, USA.

Neuter is Cuter.

Spay and Neuter.

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BOERNE, TX
AFFORDABLE SPAY & NEUTER SERVICES

(830) 249-2341

924 North Main Street
 Boerne, TX 78006
www.hcaltx.org

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CONCLUSIONS AND RELEVANCE:

Targeted bupivacaine reduced early postoperative pain scores following routine feline ovariohysterectomies.

The technique used was simple, requiring just over a minute to perform at minimal additional cost.

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Incisional and Intraperitoneal

<https://www.wsava.org/Committees/Global-Pain-Council>

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Buster

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Rib fractures

Transverse fractures of the dorsal aspects of the right eighth through twelfth ribs.

Fragments of the eighth and ninth ribs are protruding into the pleural space.

Chronic healed right sixth and seventh rib fractures.



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Intercostal block

<https://www.wsava.org/Committees/Global-Pain-Council>

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Enucleation



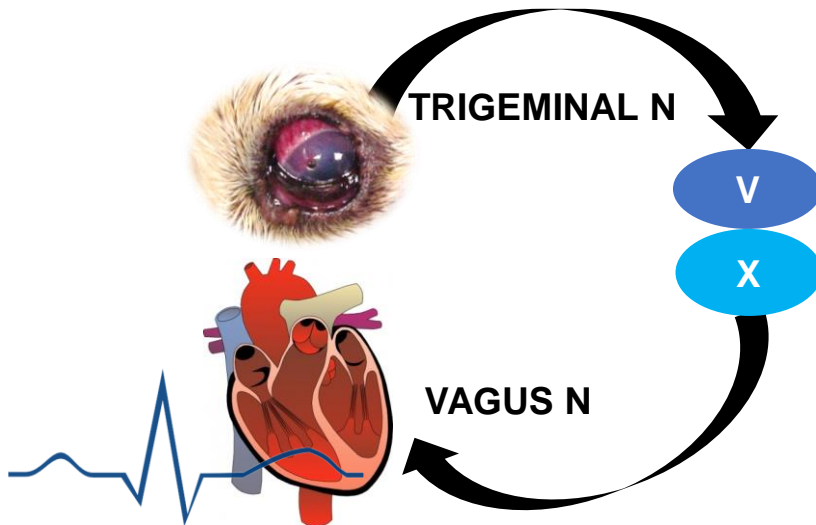
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Retrobulbar block



18

Oculo-cardiac reflex



19

Treatment



0.02 mg kg⁻¹ IV

20

TOPICAL



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Retrobulbar block

<https://www.wsava.org/Committees/Global-Pain-Council>

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Infraorbital block

<https://www.wsava.org/Committees/Global-Pain-Council>

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Intravenous Regional Anesthesia IVRA

<https://www.wsava.org/Committees/Global-Pain-Council>

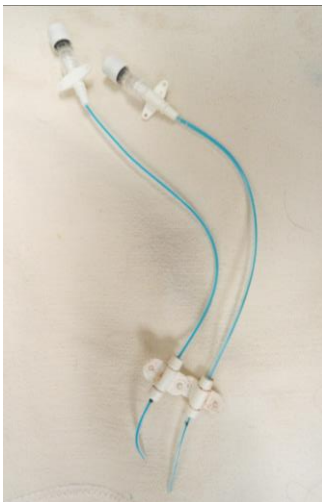
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Amputations

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Wound catheters



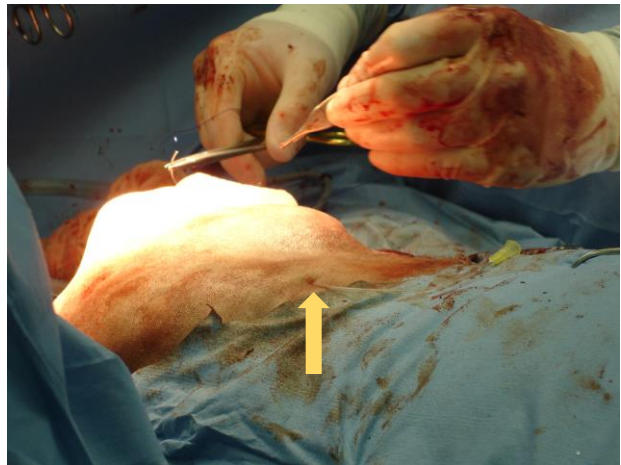
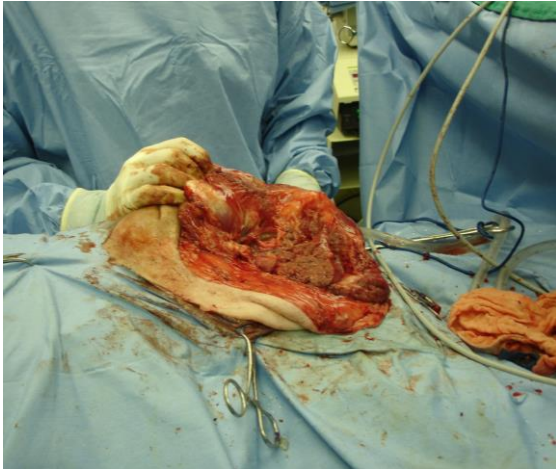
<http://www.milainternational.com/>

Search for DIFFUSION CATHETER



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Wound catheters



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WOUND CATHETERS

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Amputations



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Wound catheters
1-3 days

30



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Wound catheters

Correlation between perioperative factors and successful outcome in fibrosarcoma resection in cats

K. M. DAVIS, E. M. HARDIE, F. R. MARTIN,
J. ZHU, C. BROWNIE

Vet Rec 2007



Sunny

Ate sooner, more mobile, went home earlier

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