



numnuts®

Targeted pain relief for castration and tailing/docking

Tail docking and castration cause lambs acute pain. End users of wool and sheep meat are becoming increasingly sensitive to animal welfare issues and it would be sensible if the New Zealand sheep industry adopted measures to help alleviate tailing pain.

“I used this myself first hand last week tailing lambs and I’m totally converted with the ease of use and very clear improvement in lamb behaviour.”

Ivan Holloway - Technical Veterinarian, New Zealand

Acute marking pain can be reduced by the injection of local anaesthetic, but until now this demanded a second procedure, slowing down the tailing operation unacceptably.

The problem has been overcome by **Numnuts®**. A new, ergonomically designed tool which provides pain relief to testicles and tails at

marking time. Numnuts® applies elastrator rings over the tail and scrotum while simultaneously injecting an optimal dose of fast acting local anaesthetic.

Operator safety, speed and ease of application all at (reasonably) low cost have been the key drivers when developing the product.

Quick Change Cartridge (QCC)

Tamper-proof QCC and 100ml bottle (65 procedures) are supplied as a single unit to speed up changeovers.

2-Stage Injector

This injector dispenses local anaesthetic, only when the needle has been moved to the correct location. Targeting a specific area for the biggest effect.

Fluid Junction

Changing the fluid junction each season reduces infection risk. O-rings degrade with UV, annual replacement ensures 'sticky free' injections for thousands of cycles.

Needle

Regular changeover of the high quality, stainless steel needle reduces infection risk and reduces animal discomfort. Replacement is recommended after every 2nd local anaesthetic bottle. Needles specific for Numnuts are available online at www.numnuts.store



Numnuts® Device*

Ergonomically designed for the professional farmer or marking contractor. Engineered to be a robust 'accident-proof' tool lasting over 100,000 ring applications.

* Numnuts device and spares are available at www.agilis.nz

Numnuts® Pioneers

During development of the device, we have worked closely with farmers in Australia to constantly improve the design and engineering. In 2018, Numnuts® was used on several properties and over 15,000 lambs. In 2019, it was used on over 300 properties and 100,000 lambs.



Farmer Jodie Green
Property Aloeburn (NSW)
Type Family Farm
Breed Poll Merino
No/ of Lambs 5,500



Farmer Scott Dixon
Property Wyvern (NSW)
Type T.A. Fields Pty Ltd
Breed X-bred
No/ of Lambs 4,000



Farmer Michael Craig
Property Tuloona (VIC)
Type Family Farm
Breed Merino
No/ of Lambs 5,800

Numnuts Development Collaborators



Your next step in animal health
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www.agilis.nz