

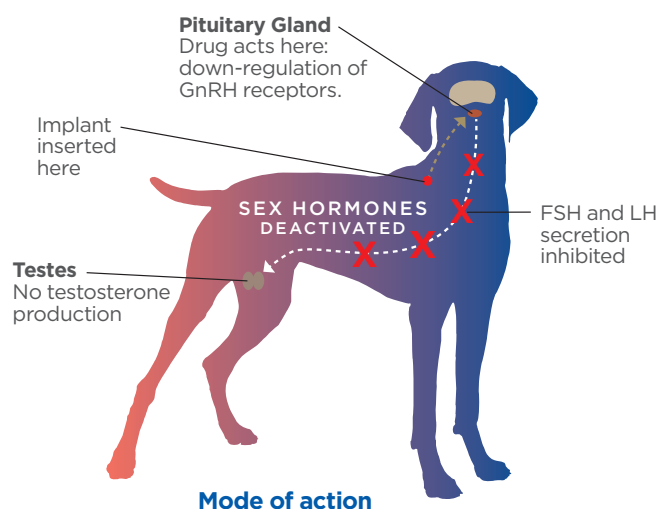
# FREQUENTLY ASKED QUESTIONS

Suprelorin® 4.7 mg is a unique implant that provides a reliable, non-surgical and reversible alternative to neutering in dogs.



## HOW DOES SUPRELORIN® 4.7 mg WORK?

Suprelorin is a slow release implant, steadily releasing the active, deslorelin. Deslorelin is a GnRH agonist. The effect is downregulation of FSH and LH production by the pituitary gland. This leads to the suppression of testosterone production.



## WHY USE SUPRELORIN® 4.7 mg?

- To trial the effects of neutering prior to permanent surgery.
- Test the behavioural response to lowered testosterone.
- For the benefit of reproduction control now, with the option to breed in future\*.
- To still have the benefits of neutering without surgery on high risk patients.
- May alleviate diseases that are dependant on testosterone (like prostatic hyperplasia).

## WHAT AGE SHOULD PUPPIES FIRST RECEIVE SUPRELORIN® 4.7 mg?

Because Suprelorin® 4.7 mg and surgical castration both lead to testosterone levels dropping to zero, the effects on maturity and maturation are the same. Therefore, we recommend waiting until after puberty to give the first treatment of Suprelorin®.

## PRESENTATION

The Suprelorin® 4.7 mg implant is about the size of a rice grain and feels waxy. The implant comes in a preloaded needle, similar to a microchip. There are 2 individually foil packed pre-loaded needles per carton and one actuator. The actuator should be reused for the second implant so needs to be saved.

## CAN IT BE USED IN WORKING DOGS?

Suprelorin® can help manage working dogs, especially when a bitch comes into heat.

## HOW OFTEN DO YOU NEED TO GIVE SUPRELORIN® 4.7 mg?

Suprelorin® is designed to last for a least 6 months. The length after this varies from dog to dog. We recommend a new Suprelorin® implant being placed every 6 months to ensure continuous effect.

## HOW LONG DOES IT TAKE FOR A DOG TO RETURN TO FERTILITY POST-IMPLANT?

Viable sperm production is expected approximately 8-9 weeks post recovery of normal testosterone levels. 80% of dogs return to normal testosterone levels in 12 months, 98% within 18 months. It has been noticed that the duration of infertility post Suprelorin® implant is in general longer in small dogs than in medium and large size dogs.<sup>3</sup>

## WHAT TO EXPECT

<b>Onset of action</b>	Infertility: 6 weeks Reduction in testosterone: 9-20 days
<b>Duration of action</b>	Minimum 6 months infertility
<b>Return to normal testosterone level<sup>1</sup></b>	12 months (80% of dogs) 18 months (98% of dogs)
<b>Return to fertility<sup>2</sup></b>	Viable sperm production is expected approximately 8-9 weeks post recovery of normal testosterone levels <sup>1,2</sup>
<b>Maintenance of effect</b>	Reimplant every 6 months

## CAN AN IMPLANT BE REMOVED?

If a client wants Suprelorin® to be effective for only a set period of time, then it would be best to surgically remove when the effect is no longer wanted. To make this easier, it is recommended to place an implant in an area of shallow subcutaneous tissue - such as just cranial to the umbilicus or the lateral tibial region. Be aware that the implant may have broken and there may be more than one piece that needs to be removed.

**Clients also need to be made aware that dogs will take some time to return to normal fertility**

## WHAT SHOULD I DO IF THE IMPLANT BREAKS?

The implant itself is a matrix of waxy material. This is fragile and frequently does break either during implantation, or while it is in the dog. This is no concern at all. The implant will continue to release the active ingredient (Deslorelin) at the same rate.

For more information on Suprelorin® 4.7 mg visit [nz.virbac.com/suprelorin](http://nz.virbac.com/suprelorin) or phone 0800 847 222

Shaping the future  
of animal health

**Virbac**