

# RESULTS OF VETERINARY SURVEY REGARDING USE OF SUPRELORIN®

SURVEY CONDUCTED BY



## About the Survey:

**Thirty-four attendees at the 2018 conference for the European Veterinary Society for Small Animal Reproduction were offered the opportunity to complete ACC&Ds online survey. Fourteen of those participated in the survey. The survey closed July 2018. This document summarizes survey responses.**

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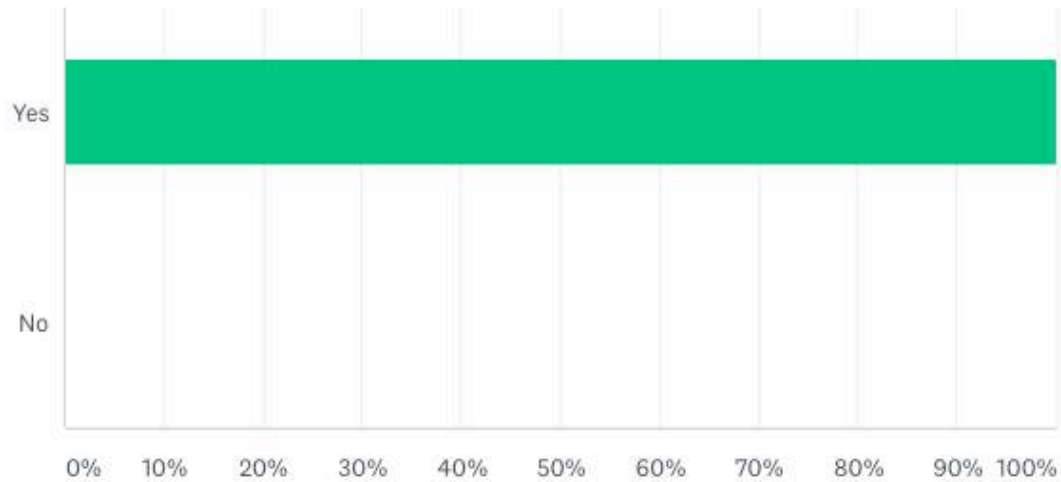
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Q1



In your practice, have you used Suprelorin in male dogs?

Answered: 14 Skipped: 0



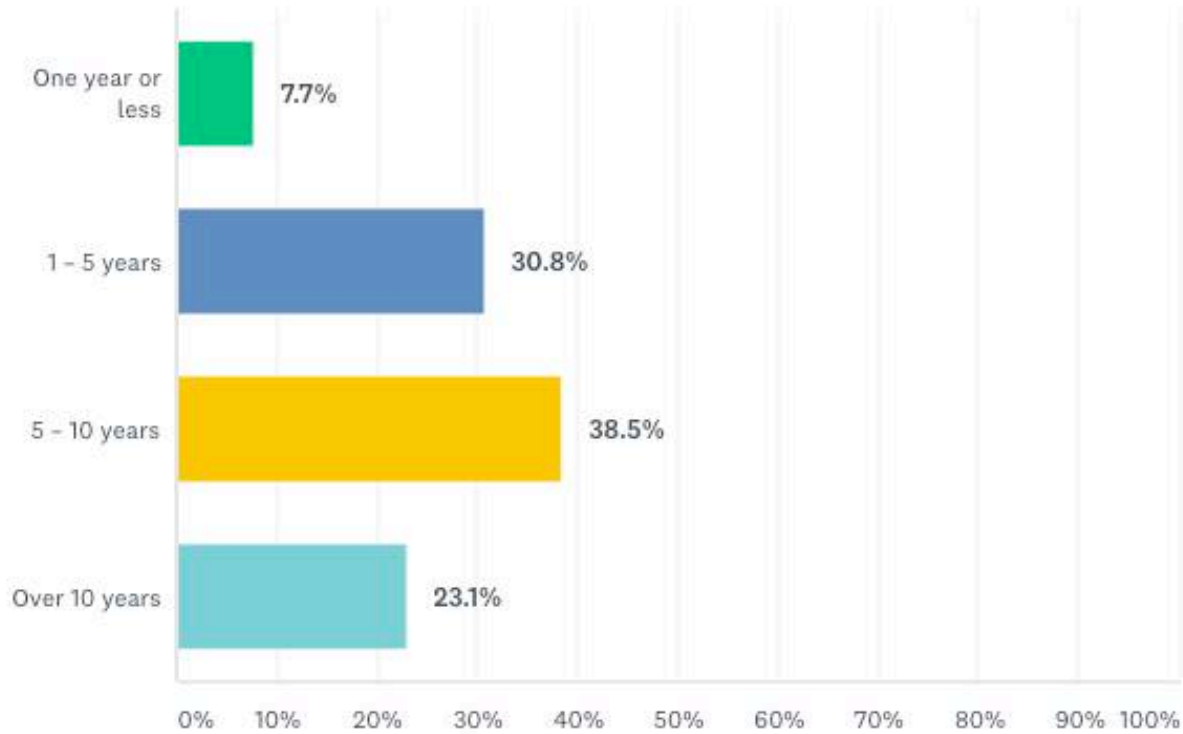
ANSWER CHOICES	RESPONSES	
Yes	100.00%	14
No	0.00%	0
<b>TOTAL</b>		<b>14</b>

Q2



## How long have you used Suprelorin?

Answered: 13 Skipped: 1

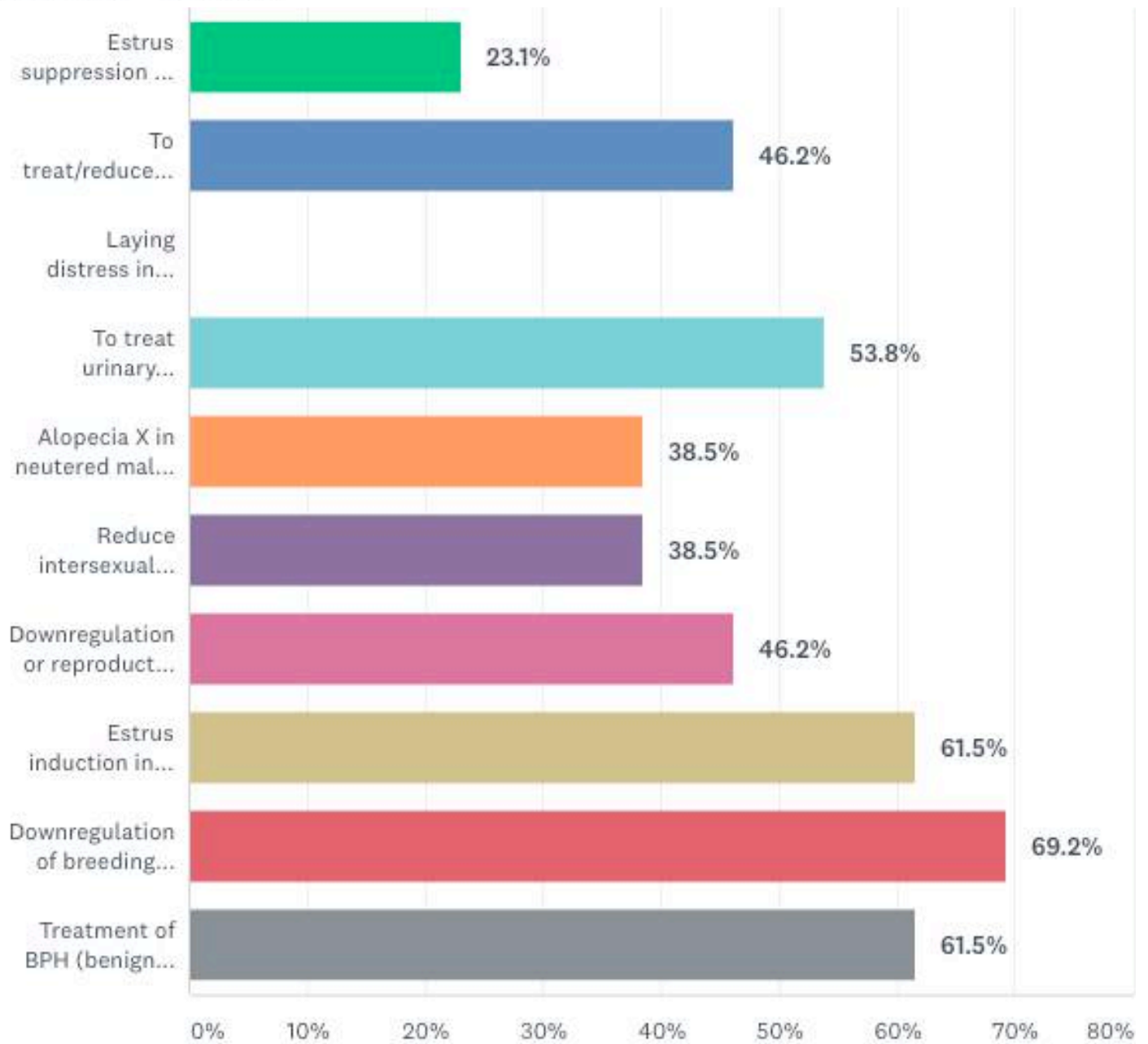


ANSWER CHOICES	RESPONSES	
One year or less	7.69%	1
1 - 5 years	30.77%	4
5 - 10 years	38.46%	5
Over 10 years	23.08%	3
<b>TOTAL</b>		<b>13</b>

**Q3**

In what ways have you ever used Suprelorin off label?  
Please check all that apply.

Answered: 13 Skipped: 1



Question 3 responses continued—

ANSWER CHOICES	RESPONSES	
Estrus suppression in bitches	23.08%	3
To treat/reduce urine marking in neutered toms	46.15%	6
Laying distress in birds	0.00%	0
To treat urinary incontinency in spayed or unspayed bitches	53.85%	7
Alopecia X in neutered male dogs	38.46%	5
Reduce intersexual aggressiveness between male neutered dogs	38.46%	5
Downregulation or reproduction control in zoo- or exotic animals	46.15%	6
Estrus induction in breeding bitches	61.54%	8
Downregulation of breeding toms	69.23%	9
Treatment of BPH (benign prostate hyperplasia)	61.54%	8
<b>Total Respondents: 13</b>		

Comments (4)

**estrus inducion in queen, urinary incontinency in queen**

7/15/2018 1:00 AM

**fertility control in male dogs**

7/6/2018 2:12 AM

**reversible castration of breeding males**

6/29/2018 12:42 AM

**Estrus suppression in queens and ferrets, male wolf (another GnRH agonist implant), urine marking in spayed queens**

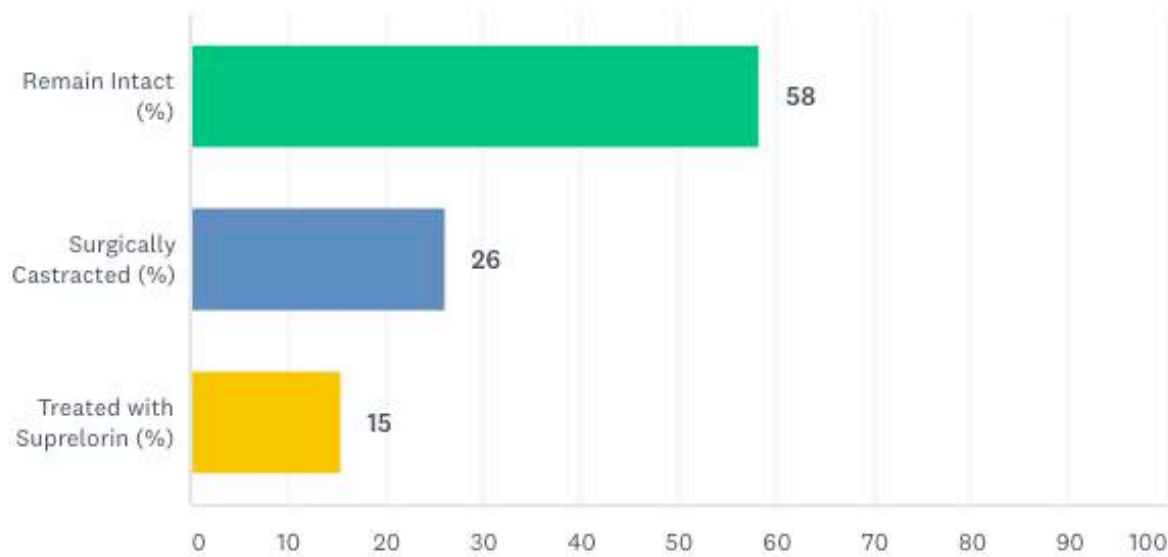
6/28/2018 9:49 PM

Q4



Of your male dog patients, at this point in time, approximately what percentage are left intact, surgically castrated, or treated with Suprelorin? (You answer must add to 100; please do not include decimals or the % sign)

Answered: 13 Skipped: 1



ANSWER CHOICES	AVERAGE NUMBER	TOTAL NUMBER	RESPONSES
Remain Intact (%) <a href="#">Responses</a>	58	760	13
Surgically Castrated (%) <a href="#">Responses</a>	26	340	13
Treated with Suprelorin (%) <a href="#">Responses</a>	15	200	13

**Total Respondents: 13**

Responses:

- Estrus induction in queen, urinary incontinency in queen
- Fertility control in male dogs
- Reversible castration of breeding males
- Estrus suppression in queens and ferrets, male wolf (another GnRH agonist implant), urine marking in spayed queens

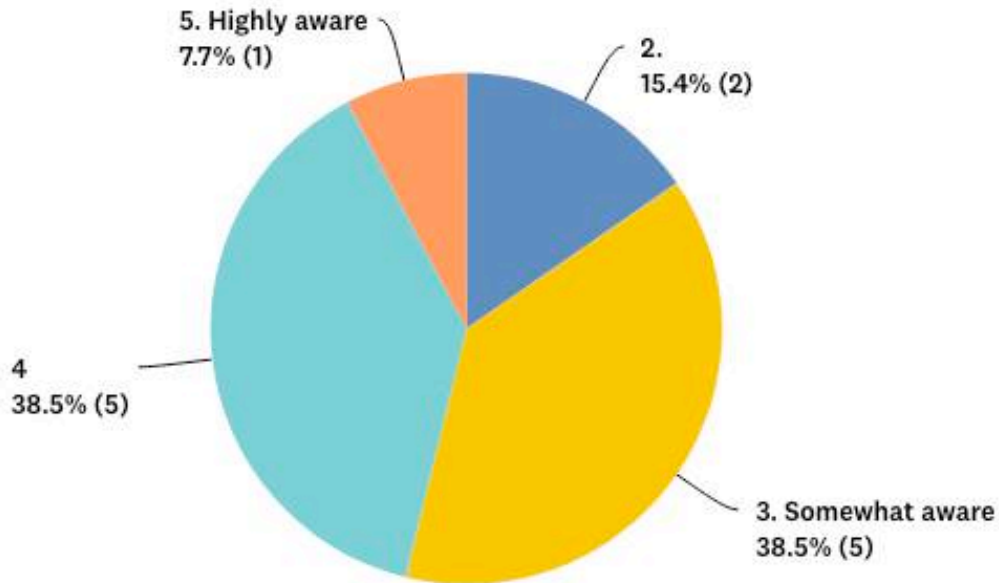


Q5



How would you describe awareness of Suprelorin among veterinarians?

Answered: 13 Skipped: 1



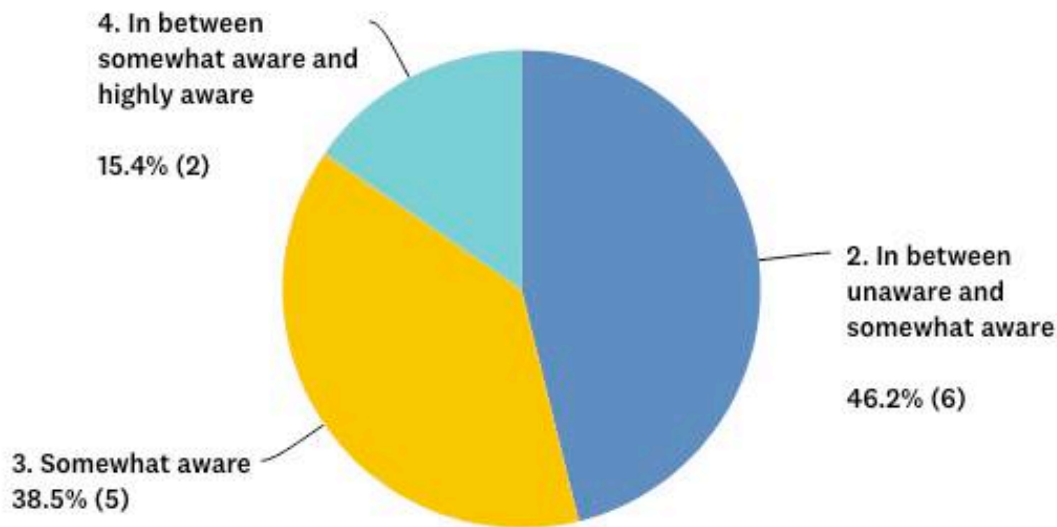
	1. UNAWARE	2. IN BETWEEN UNAWARE AND SOMEWHAT AWARE	3. SOMEWHAT AWARE	4. IN BETWEEN SOMEWHAT AWARE AND HIGHLY AWARE	5. HIGHLY AWARE	TOTAL	WEIGHTED AVERAGE
From 1 (unaware) to 5 (highly aware)	0.0% 0	15.4% 2	38.5% 5	38.5% 5	7.7% 1	13	3.38

Q6



## How would you describe awareness of Suprelorin among pet owners

Answered: 13 Skipped: 1



	1. UNWARE	2. IN BETWEEN UNWARE AND SOMEWHAT AWARE	3. SOMEWHAT AWARE	4. IN BETWEEN SOMEWHAT AWARE AND HIGHLY AWARE	5. HIGHLY AWARE	TOTAL	WEIGHTED AVERAGE
From 1 (unaware) to 5 (highly aware)	0.0% 0	46.2% 6	38.5% 5	15.4% 2	0.0% 0	13	2.69

Comments (1)

University clinic, specific for breeding animals and specific owners, but awareness and interest in Germany overall very good

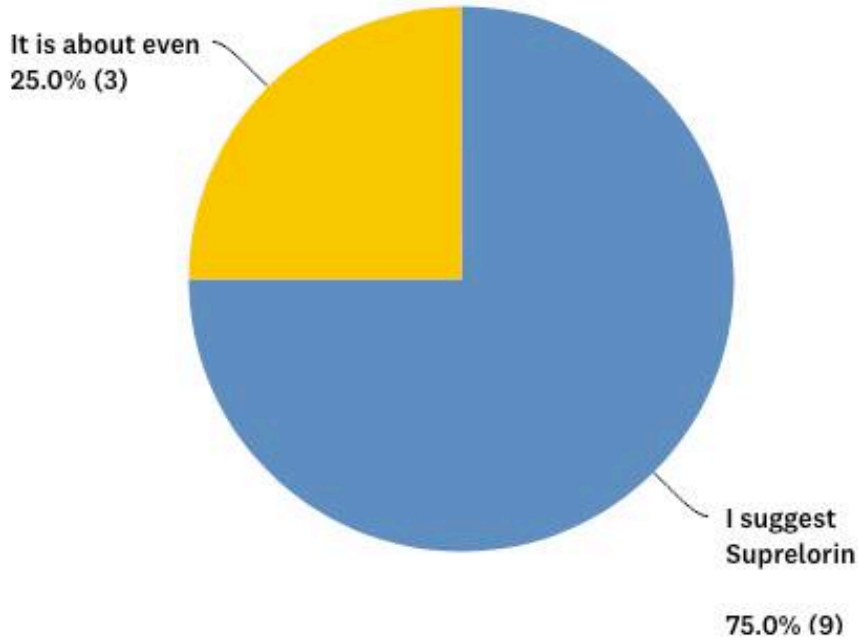
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Q7



Is it more likely that clients ask you for this product, or you suggest it?

Answered: 12 Skipped: 2



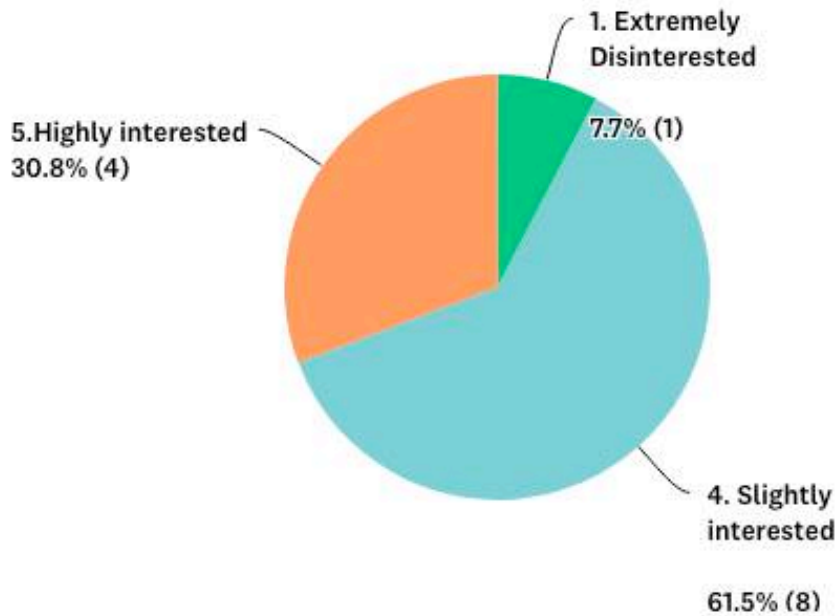
ANSWER CHOICES	RESPONSES	
Clients ask for Suprelorin	0.00%	0
I suggest Suprelorin	75.00%	9
It is about even	25.00%	3
<b>TOTAL</b>		<b>12</b>

Q8



In general, what is the interest level in your clients for Suprelorin vs. castration when you propose this option for the first time?

Answered: 13 Skipped: 1



	1.EXTREMELY DISINTERESTED	2 -SLIGHTLY DISINTERESTED	3. NEUTRAL	4 - SLIGHTLY INTERESTED	5.HIGHLY INTERESTED	TOTAL	WEIGHTED AVERAGE
(no label)	7.69% 1	0.00% 0	0.00% 0	61.54% 8	30.77% 4	13	4.08

[Comments \(1\)](#)

if pet owners understand the opportunity of a test with the implant they are highly interested

7/2/2018 7:25 AM

Q9



## What are the positive and negative things you hear about Suprelorin?

Answered: 10 Skipped: 4

ANSWER CHOICES	RESPONSES
Negative things I hear:	Responses 100.00% 10
Positive things I hear:	Responses 90.00% 9

Responses:

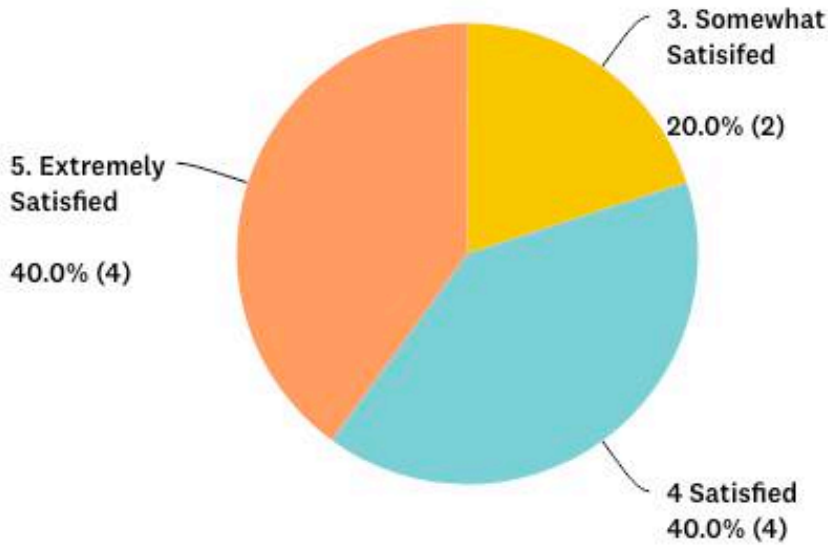
Negative things I hear:	<ul style="list-style-type: none"> <li>• Low knowledge</li> <li>• Sometimes it doesn't work</li> <li>• Stress</li> <li>• A few times initial surge is very troublesome, one dog was oversexual for 6 weeks.</li> <li>• First weeks are hard</li> <li>• Costly treatment</li> <li>• Hormones</li> <li>• Can cause pyometra, never comes back the spermatogenesis, do not controll hypersexuality, do not controll urinry marking of toms</li> <li>• Initial worsening of bad behavior, urine incontinence in male dogs sometimes observed</li> </ul>
Positive things I hear:	<ul style="list-style-type: none"> <li>• It's reverjible</li> <li>• Good alternative, good test how the neutered animal would be like</li> <li>• No surgery</li> <li>• Perfect for a trail before surgical castration or in the kryptorchid dog</li> <li>• Possibile try</li> <li>• Very effective, complete down-regulation of all sexual hormones</li> <li>• The perfect test before I do a surgical castration</li> <li>• Function</li> <li>• Very relevant alternative to surgery</li> </ul>

Q10



In general, how satisfied would say clients are with the product?

Answered: 10 Skipped: 4



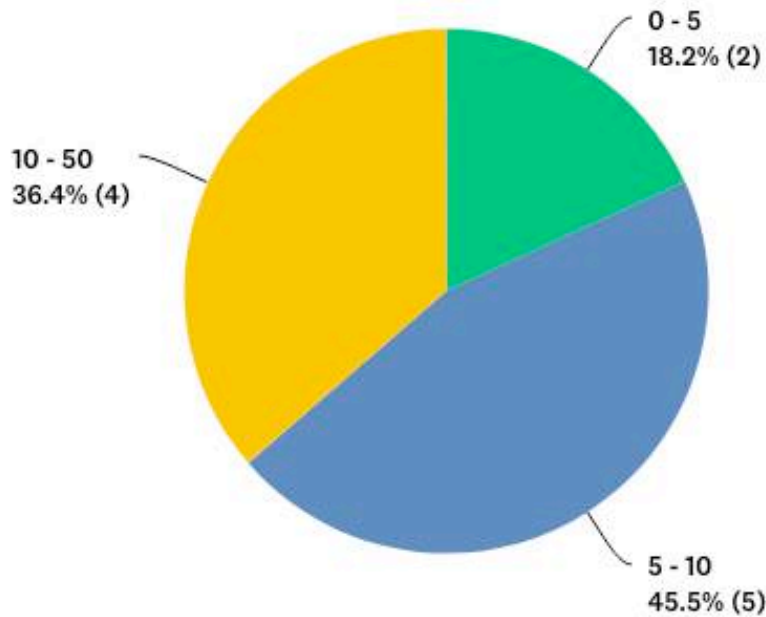
	1.EXTREMELY DISSATISFIED	2 SOMEWHAT DISSATISFIED	3. SOMEWHAT SATISFIED	4 SATISFIED	5. EXTREMELY SATISFIED	TOTAL	WEIGHTED AVERAGE
(no label)	0.00% 0	0.00% 0	20.00% 2	40.00% 4	40.00% 4	10	4.20

Q11



Approximately how many male dogs have you Implanted (a first time) with the product (tallying both use of 6 and 12- month versions) during the last 12 months?

Answered: 11 Skipped: 3



ANSWER CHOICES	RESPONSES	
0-5	18.18%	2
5-10	45.45%	5
10 - 50	36.36%	4
50 - 100	0.00%	0
Over 100	0.00%	0
<b>TOTAL</b>		<b>11</b>

[Comments \(1\)](#)

Work as referral clinic, specific for breeding animals and specific owners

6/28/2018 9:56 PM

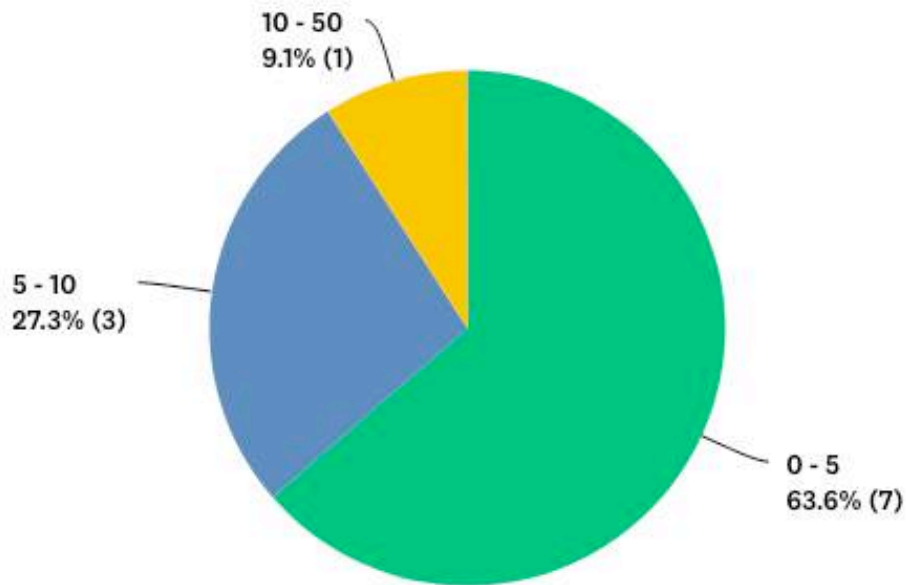


Q12



Approximately how many male dogs have you re-implanted with the product (tallying both use of 6 and 12-month versions) during the last 12 months?

Answered: 11 Skipped: 3



ANSWER CHOICES	RESPONSES	
0-5	63.64%	7
5-10	27.27%	3
10 - 50	9.09%	1
50 - 100	0.00%	0
Over 100	0.00%	0
<b>TOTAL</b>		<b>11</b>

[Comments \(1\)](#)

University clinic, specific for breeding animals and specific owners

6/28/2018 9:56 PM

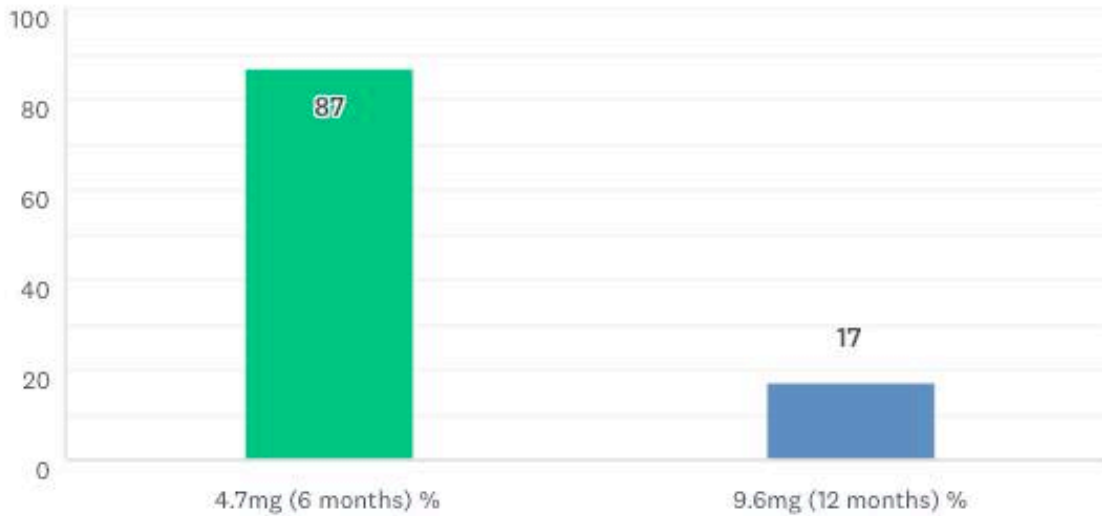


Q13



What percent of your total Suprelorin usage for male doges is the 6 month vs 12 month dosage (do not enter a percent symbol- must add to 100)

Answered: 12 Skipped: 2



ANSWER CHOICES	AVERAGE NUMBER	TOTAL NUMBER	RESPONSES
4.7mg (6 months) %	87	1,045	12
9.6mg (12 months) %	17	155	9
<b>Total Respondents: 12</b>			

Responses:

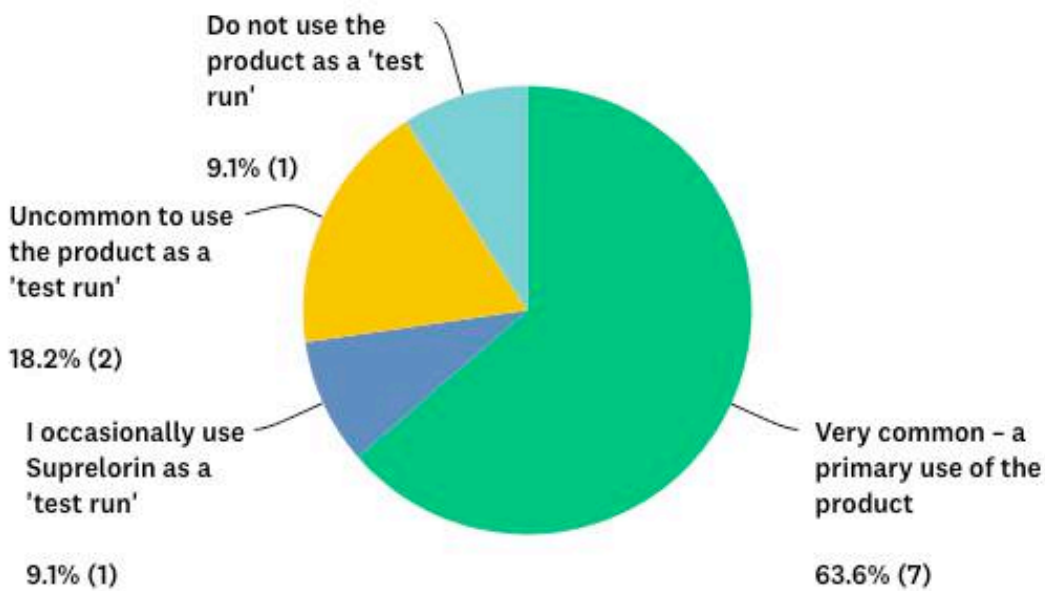
4.7mg (6 months) %	100, 100, 70, 70, 80, 80, 100, 85, 70, 100, 100, 90
9.6mg (12 months) %	30, 30, 20, 20, 0, 15, 30, 0, 10

Q14



How common is it that you implant Suprelorin as a 'test-run' for male dog owners considering permanent sterilization?

Answered: 11 Skipped: 3



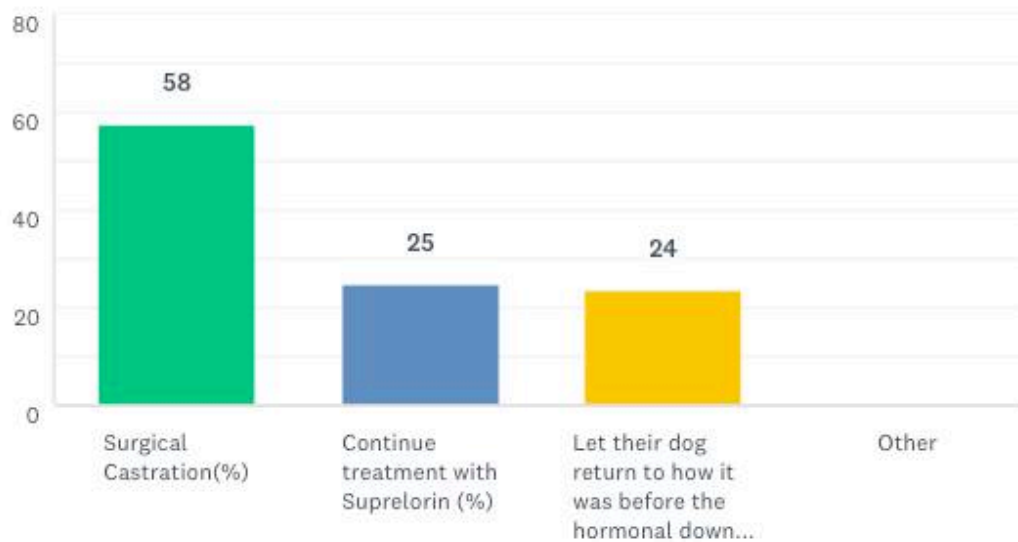
ANSWER CHOICES	RESPONSES	
Very common - a primary use of the product	63.64%	7
I occasionally use Suprelorin as a 'test run'	9.09%	1
Uncommon to use the product as a 'test run'	18.18%	2
Do not use the product as a 'test run'	9.09%	1
<b>TOTAL</b>		<b>11</b>

Q15



If you have done a 6-or-12 month 'test-run' what percentage of dog owners, would you estimate, choose, as a next step: (Your answer must add to 100; please do not include decimals or the % symbol)

Answered: 8 Skipped: 6



ANSWER CHOICES	AVERAGE NUMBER	TOTAL NUMBER	RESPONSES
Surgical Castration(%) <a href="#">Responses</a>	58	460	8
Continue treatment with Suprelorin (%) <a href="#">Responses</a>	25	175	7
Let their dog return to how it was before the hormonal down regulation <a href="#">Responses</a>	24	165	7
Other <a href="#">Responses</a>	0	0	0

**Total Respondents: 8**

Surgical Castration (%)	30, 50, 50, 75, 25, 50, 80, 100
Continue treatment with Suprelorin (%)	40, 30, 30, 10, 40, 25, 0
Let their dog return to how it was before the hormonal down regulation	30, 20, 15, 35, 25, 20

Q16



If you answered "Other" in the question above, please describe that here.

Answered: 1   Skipped: 13

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Not relevant questions for us as university hospital, owners are sent back to their local vet for first (sometimes) and repeated treatment

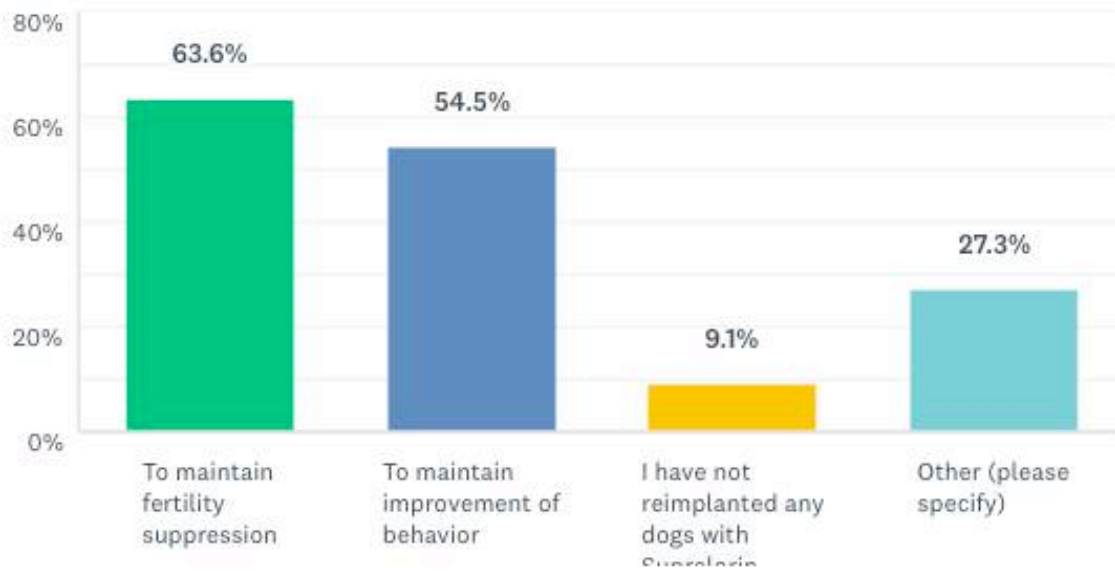
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Q17



Generally, what reasons do clients cite for re-implanting their male dog with Suprelorin?

Answered: 11 Skipped: 3



ANSWER CHOICES	RESPONSES	
To maintain fertility suppression	63.64%	7
To maintain improvement of behavior	54.55%	6
I have not reimplanted any dogs with Suprelorin	9.09%	1
Other (please specify)	<a href="#">Responses</a> 27.27%	3
<b>Total Respondents: 11</b>		

Responses:

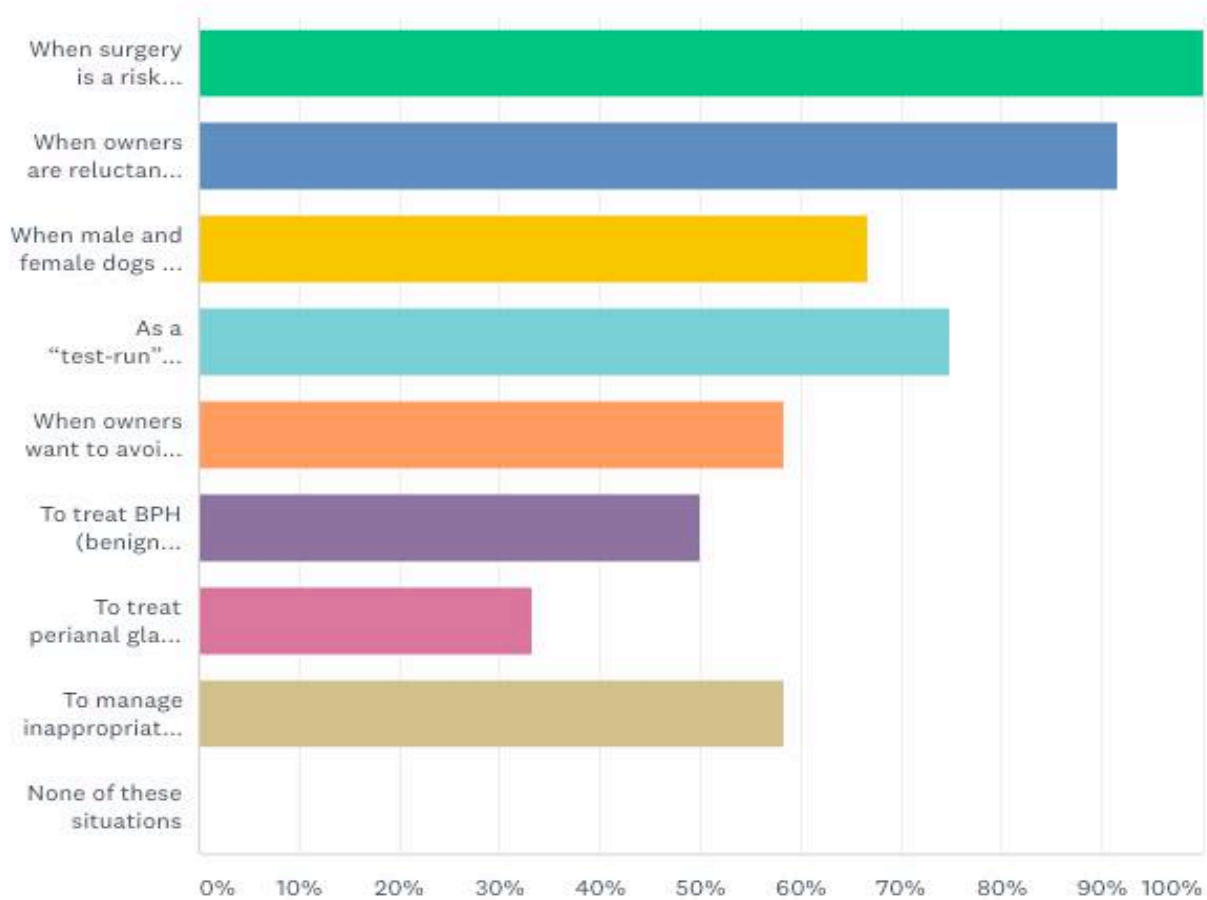
- Emotionally scared of surgery,
- They don't like surgery/cut off healthy part of the body
- Maintain effect on prostate (first indication BPH) and coat (alopecia x)

Q18



## For which situations would you be inclined to recommend Suprelorin as more appropriate than surgical castration?

Answered: 12 Skipped: 2



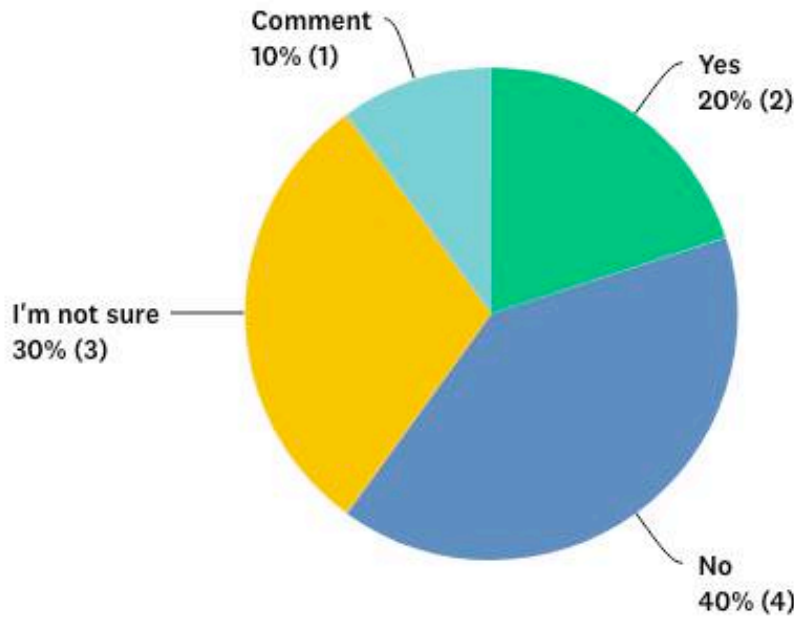
ANSWER CHOICES	RESPONSES
When surgery is a risk (age/risk of anesthesia)	100.00% 12
When owners are reluctant to castrate	91.67% 11
When male and female dogs are living in the same household for a temporary period.	66.67% 8
As a "test-run" before surgical castration	75.00% 9
When owners want to avoid any risk of reproduction in certain circumstances	58.33% 7
To treat BPH (benign prostate hyperplasia)	50.00% 6
To treat perianal gland tumors	33.33% 4
To manage inappropriate behavior	58.33% 7
None of these situations	0.00% 0
<b>Total Respondents: 12</b>	

Q19



Do you have male dogs who have been successfully downregulated with Suprelorin for 4+ years?

Answered: 10 Skipped: 4



ANSWER CHOICES		RESPONSES	
Yes		20.00%	2
No		40.00%	4
I'm not sure		30.00%	3
Comment	Responses	10.00%	1

No at the moment, I had some earliler

7/6/2018 2:20 AM

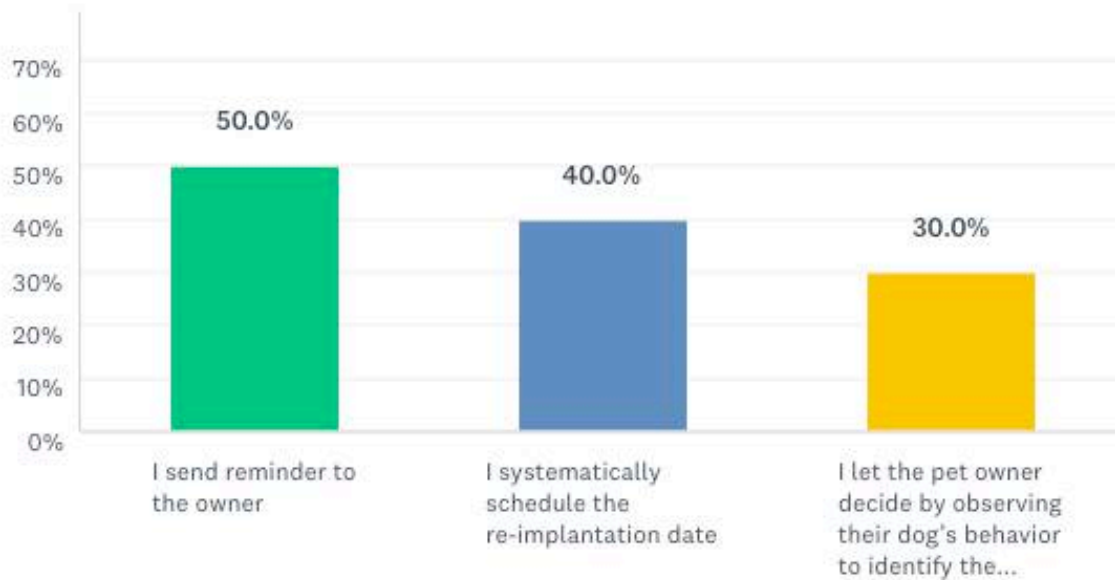


Q20



How do you ensure, that owners renew the Suprelorin implant in time?

Answered: 10 Skipped: 4



ANSWER CHOICES	RESPONSES
I send reminder to the owner	50.00% 5
I systematically schedule the re-implantation date	40.00% 4
I let the pet owner decide by observing their dog's behavior to identify the testosterone related changes	30.00% 3

**Total Respondents: 10**

[Comments \(1\)](#)

**I also inform them of the likely duration of efficacy of the implant**

7/2/2018 6:43 AM

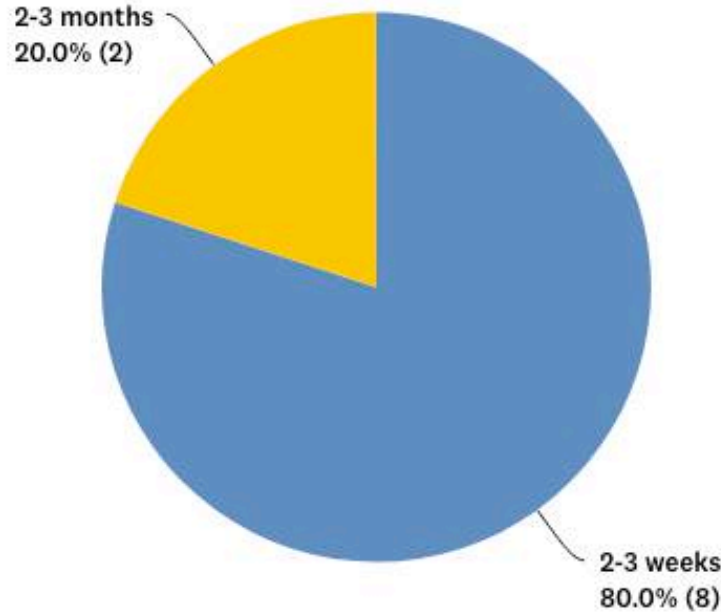


Q21



What is the client’s perspective on how long it takes to see a change in hormonally related behavior ?

Answered: 10 Skipped: 4



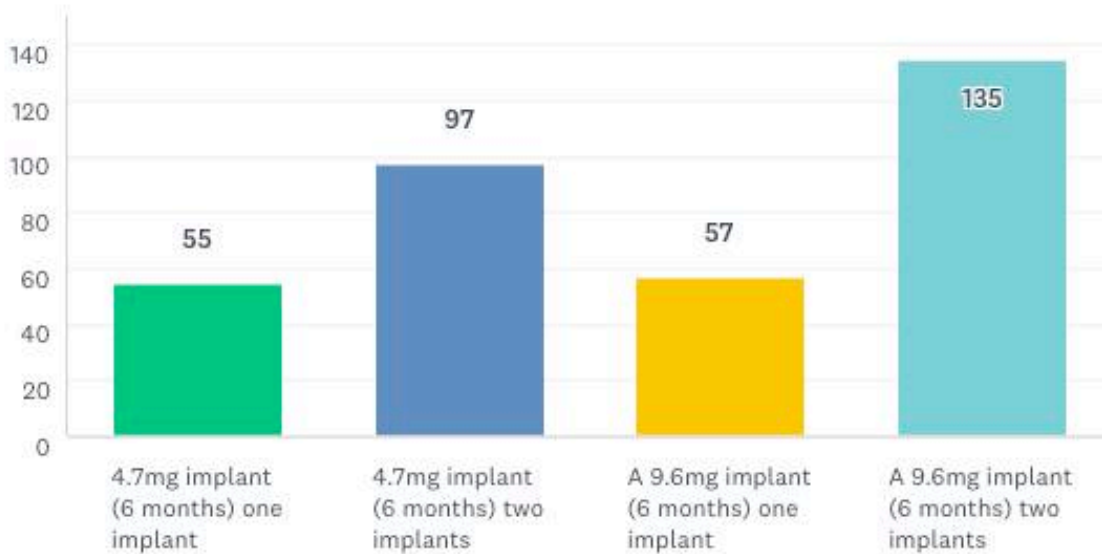
ANSWER CHOICES	RESPONSES	
Right away	0.00%	0
2-3 weeks	80.00%	8
2-3 months	20.00%	2
Do not see behavior change	0.00%	0
<b>TOTAL</b>		<b>10</b>

Q22



What is the price that you pay for Suprelorin (exclusive of VAT)? Please answer in euros but without the symbol or decimals.

Answered: 7 Skipped: 7



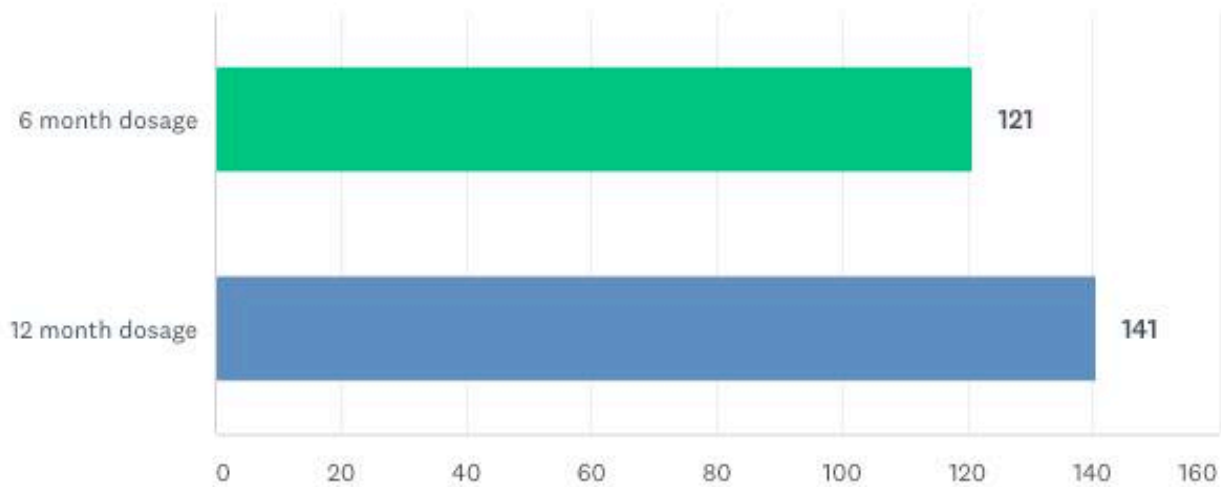
ANSWER CHOICES	AVERAGE NUMBER	TOTAL NUMBER	RESPONSES
4.7mg implant (6 months) one implant <a href="#">Responses</a> 80, 45, 40, 75, 35	55	275	5
4.7mg implant (6 months) two implants <a href="#">Responses</a> 78, 98, 80, 80, 150	97	486	5
A 9.6mg implant (6 months) one implant <a href="#">Responses</a> 86, 86, 0	57	172	3
A 9.6mg implant (6 months) two implants <a href="#">Responses</a> 195, 175, 170, 0	135	540	4
<b>Total Respondents: 7</b>			

Q23



What do you charge for a Suprelorin implant procedure for a male dog? (the total price paid by the owner). Please answer in euros but without the symbol or decimals.

Answered: 7 Skipped: 7



ANSWER CHOICES	AVERAGE NUMBER	TOTAL NUMBER	RESPONSES
6 month dosage	121	847	7
12 month dosage	141	563	4
<b>Total Respondents: 7</b>			

Responses:

6 month dosage	140, 107, 170, 110, 100, 150, 70
12 month dosage	208, 175, 180, 0,

Q24



If possible, please itemize into the components below the price you charge for a Suprelorin Implant size that you use the most for most male dogs. Please answer in euros but without the symbol or decimals.

Answered: 7 Skipped: 7

ANSWER CHOICES		RESPONSES	
Cost of consultation:	Responses	100.00%	7
Cost of the implant:	Responses	100.00%	7
Cost of the implant injection procedure:	Responses	100.00%	7
Other costs (please specify in comment section	Responses	28.57%	2

Responses:

Cost of Consultation:	50, 30, 57, 25, 20, 60, 10
Cost of the implant:	80, 65, 120, 70, 80, 75, 35
Cost of the implant injection procedure:	10, 12, 6, 15, 0, 150, 25
Other costs:	0, 0

Q25



What is your average total price for a standard dog surgical castration procedure? Please answer in euros but without the symbol or decimals.

Answered: 7 Skipped: 7

ANSWER CHOICES		RESPONSES	
Large male dog?	<a href="#">Responses</a>	100.00%	7
Small male dog?	<a href="#">Responses</a>	100.00%	7

Responses:

Large male dog?	240, 50, 400, 500, 400, 330, 150
Small male dog?	210, 40, 300, 250, 250, 330, 109

Q26



Please comment on your cost structure if you would like to.

Answered: 2 Skipped: 12

Responses:

- East Europe country
- no

Q27



If there is anything else you would like to communicate to ACC&D about this product, please use this comment box to do so.

Answered: 2 Skipped: 12

Responses:

- we do not offer surgical castration
- It is one of the biggest improvement of my veterinary offer of the last 10 years

Q28



Your identifying information is optional but we hope you will provide it

Answered: 6 Skipped: 8

Note: We have omitted responses that include personal information to keep respondents confidential

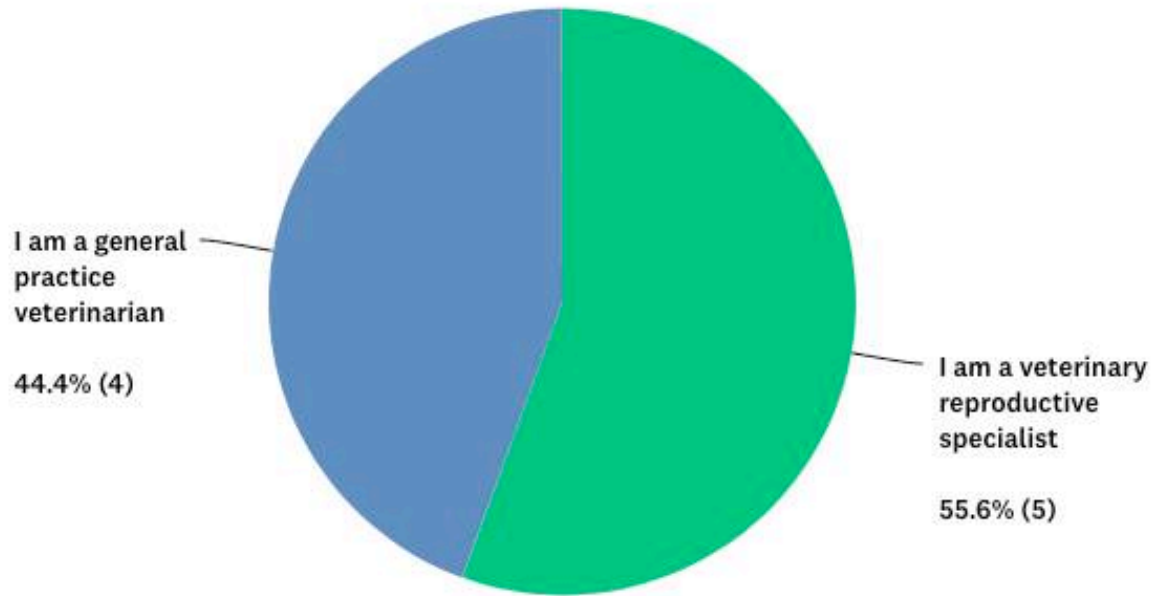
Number of general practice veterinarians [at your practice]	8, 2, 3, 15, 1
Number of Reproductive Specialists [at your practice]	1, 8, 0, 0, 1
Country	Italy, Germany, France, France, Hungary

Q29



Are you a reproductive specialist or a general practice veterinarian?

Answered: 9 Skipped: 5



ANSWER CHOICES	RESPONSES	
I am a veterinary reproductive specialist	55.6%	5
I am a general practice veterinarian	44.4%	4
Other	0.0%	0
<b>TOTAL</b>		<b>9</b>