



Sth International Symposium on Non-Surgical
Contraceptive Methods of Pet Population Control

Why GonaCon Has Current or
Near-Term Potential

- Proven efficacy in multiple species
- Effective in both male and female cats
- Durable effect with a single dose
- Already registered for use in several species

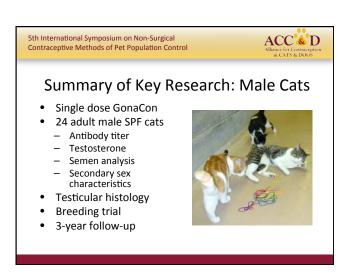
5th International Symposium on Non-Surgical Contraceptive Methods of Pet Population Control

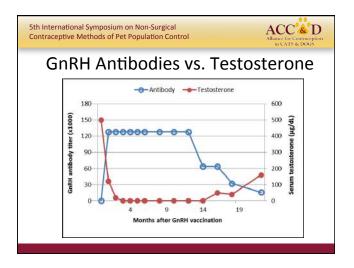


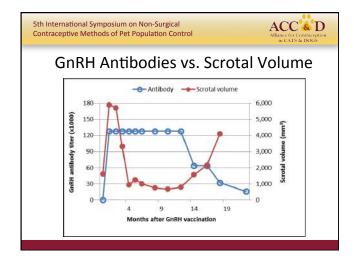
Mode of Action

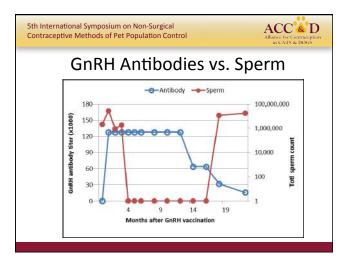
- Immunocontraceptive vaccine against GnRH
 - $\boldsymbol{\mathsf{-}}$ Synthetic GnRH conjugated to KLH or Blue carrier protein
 - Mycobacterium avium in light mineral oil adjuvant (derived from Mycopar)
 - Water-in-oil emulsion
 - Single intramuscular injection
- · Antibodies inhibit activity of GnRH
 - Suppresses downstream hormone release (LH, FSH, estrogen, testosterone)
 - Infertility
 - Loss of secondary sex characteristics and sexual behavior

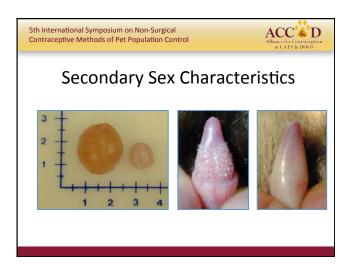
ACC&D 5th International Symposium on Non-Surgical Contraceptive Methods of Pet Population Control

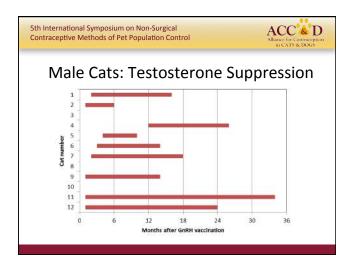


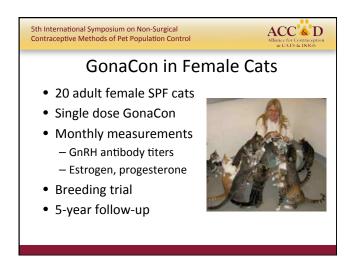


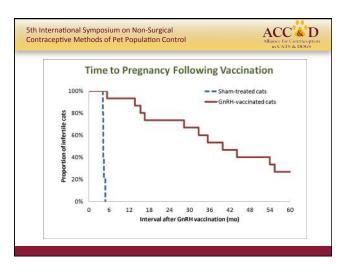


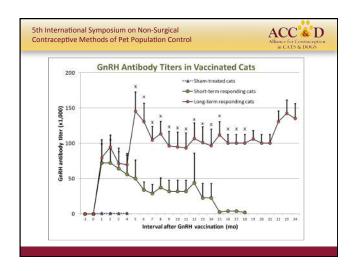


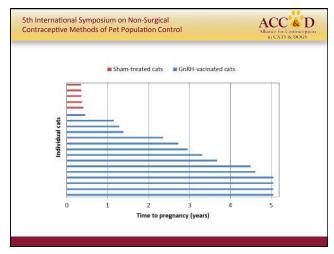


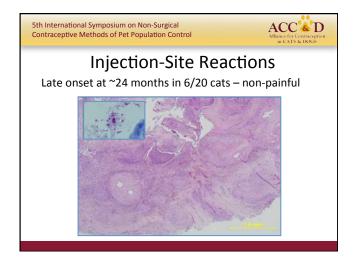


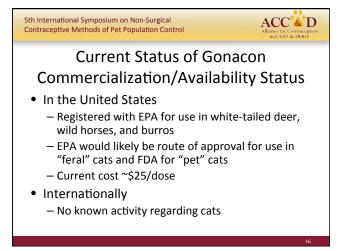














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Allamore for Contraception
in CATS & DOGS

Challenges

- Injection-site reactions
- Variability of contraceptive effect
- Scale-up manufacturing vs. affordability?
- Meeting cold-chain requirements in remote & developing locations
- Need for someone to undertake registration with EPA for feral cats

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Stimmary: 3 Key Takeaways

- 1: GonaCon can be easily administered in the field to contained cats without sedation
- 2: Immune response controls both fertility and nuisance sexual behaviors; more effective in females
- 3: Half of female cats were infertile for at least 3 years following a single dose; may be useful in population management of community cats

Maddie's* Shelter Medicine Program is underwritten by a grant from Maddie's Fund", The Pet Rescue Foundation (www.maddies/und.org), helping to fund the creation of a no-kill nation.

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