
**Introduction**

*“Unique Approaches to the Challenge”*

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 on Non-Surgical Contraceptive Methods of Pet Population Control

Where are we now and why do we need to keep investigating?

- Zeuterin/CaCl<sub>2</sub>
  - Permanent
  - Testosterone may or may not be affected.
- Gonacon (new formulation)
  - Not permanent
  - Short term data available in dogs (60 days)
  - Extremely variable response in cats
  - Not (in foreseeable future) for domestic animals
  - Current development requires repeated immunizations
- Suprelorin
  - Not permanent
  - Current formulations – 12 months

Into the Future



- Regulatory Approval
- Gonazon

Into the Future

- Other regulators of reproduction (Kisspeptin)
- New technologies (Gene silencing)
- Selective toxic targeting