

### Advancing Animal Health Dr. Don Polley

The Neutersol "experience"

- Introduction of this new concept: how, what, when, why
- Acceptance
- Current status of this method in the industry
- Learnings



## 10 lessons learned working with practicing veterinarians:

- 1. Any sterilization method will be judged based on comparison to surgical sterilization
- 2. Efficacy
- 3. Safety
- 4. Effect on estrogen/testosterone
- 5. Behavioral effects



#### Lessons Learned ......

- 6. Long-term effects
- 7. Ease of administration, including level of discomfort
- 8. Total time involved
- 9. Cost
- 10. Comfort zone for new technology

# Advancing the Profession Dr. Kris Otteman • Veterinary Medicine continues to evolve: • Private practice: horses & food animal medicine,

Multi-location, single or corporate-owned practices

Shelters with full-service hospitals on-site

radios, no computers...

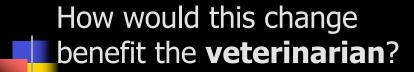
Evolving...
Technology
Specialty
Relationship with pets
Client expectation



- Research-oriented
  - Data-driven, want proof, trials, experience by others
- Difficulty in keeping up
  - Drugs, dosages, techniques...easier to keep doing what we always did
- Under-resourced: shortage of doctors and staff

## Difficulties with change:

- Cost of business continues to rise
  - Belief that it is expensive to change
- Tendency to think locally, vs. globally
  - "What matters in my practice?"



- Reduced time and cost per patient
  - Supplies, expertise, training
  - Surgical methods are currently undervalued
- More time for secondary and tertiary care
  - Diagnostic work-ups, etc.
- Client satisfaction and perception improves "state of the art"



#### Benefit to the patient: pet

- Reduction in associated pain
- Reduced risk of anesthesia and surgery
- No associated "recovery time"
- Ready for home or adoption without surgery wait
- Could be life-saving: population control
- Behavioral modification



#### Benefit to the client ...

- Reduction in wait and worry
- Safe, no surgery
- Same behavioral outcomes as surgery
  - This is the goal...expected as outcome
  - This requirement varies geographically
- State of the Art
  - Similar to human technology



#### For Communities ...

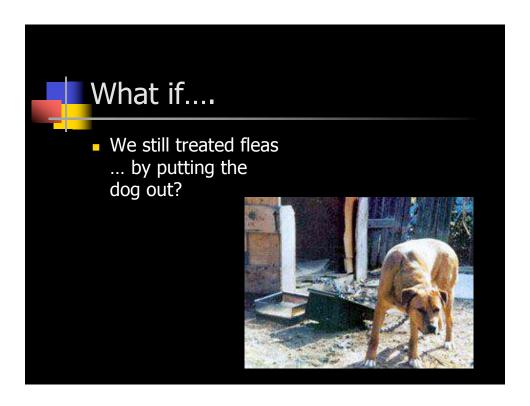
- Population control
  - Decreased birth rates and therefore decreased euthanasia: reduction in cost
  - Increased adoptability
- Control of zoonotic diseases
- Reduction of hazard: bites, sanitation
- May require less cost and less expertise for sterilization





#### Session VII: Part 2 Veterinarians as Partners

By Dr. Kris Otteman and Dr. Don Polley







Veterinary medicine has advanced the quality of animal AND human life.

- This is a unique position that comes with great responsibility.
- We must keep testing the limits and trying new alternative ways to do things faster, safer, cheaper and easier.
- Visualize the future.....



#### Facilitation of new technology:

- Science and trials to satisfy the end-user
  - Veterinarians, animal control, shelters, owners
- Awareness of availability and the need
  - Acceptance may vary
- Incentives for trial by the end-user
  - Financial, emotional and intellectual

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