

Zeuterin + MASH = ZMASH

From the lab to the field clinic



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Animal Balance is a global non-profit dedicated to creating positive change on islands around the world. With the help of our local partners, we create community-based population management programs for dogs and cats.

“Lessons learned: field studies with cats and with dogs”
ACC&D 6th International Symposium • July 23, 2018

Training & Field Use Globally 2003-2016



- 2003 Zinc Gluconate approved by FDA in USA. AB Director attends 2004 ACC&D conference and meets the representative from Neutersol.
- 2004, Galapagos Islands, Animal Balance used Esterilsol in the highlands/farm/hunting dogs. Injections given by Dr. Min Wang and team who trained the local Ecuadorian vet. 3 of 98 dogs had reactions.
- 2005/06 Galapagos Islands, Animal Balance provides Esterilsol to the Galapagos National Park Service as an option to the owners who wanted their dogs to have testicles.
- 2009/10: ACC&D, The Handsel Foundation and the Pegasus Foundation provided AB with a grant for our Medical Director to be trained by Dr. Carlos Esquivel of Ark Sciences. He later becomes the Medical Director for Ark Sciences.
- 2009: Galapagos: 9 dogs injected, no issues.
- 2010: March, American Samoa, 18 street dogs injected by Dr. Maas. The dogs would be killed by the DoA if they were not sterilized. We opted to inject the males and spay the females. Zero reactions.
- 2010: ZMASH training local vet in Cabrera DR injecting 55 dogs and that then led to a 2 week Esterilsol Training in the DR at the 3 Veterinary Universities in Santo Domingo – a collaboration of Animal Balance, University of Illinois, Alliance for Rabies Control, ACC&D, Anti Rabies Center of the DR and the PAHO, followed 2 weeks later by a Esterilsol clinic with the trained Dominican vets in the rural village of Cabrera. 11 of 25 had reactions.
- 2010-2015: We stopped using it in the field. We then re-wrote the training and aftercare instructions.
- 2015/16: Hawaii Campaign: Trained 21 veterinarians in conjunction with all islands' Humane Societies and Ark Sciences. 0 of 68 dogs had reactions.

Key Points to Consider

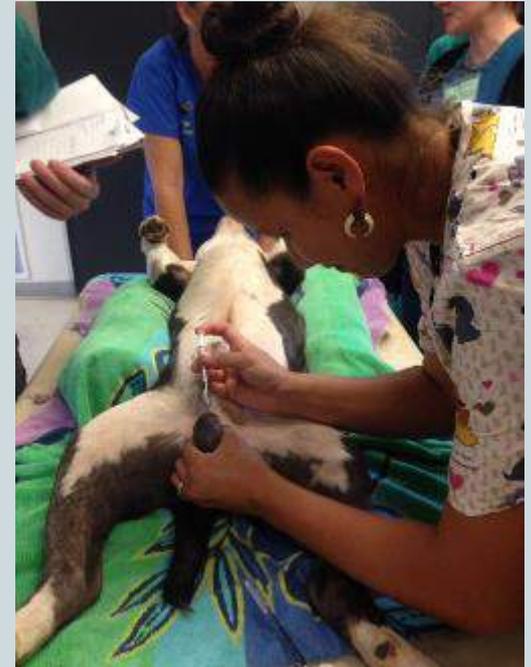


Key points:

- Trained Veterinarian with direct support from an experienced veterinarian.
- Supportive ‘surgical veterinarians’ and technicians at location.
- Communication: clients to veterinary assistance, photo sending access, ability to perform scrotal ablation if required.
- Aftercare must be a priority, post injection: Do clients normally touch their dogs? Will they look at the dog’s testicles? Will the client feel its rude to call if an issue happens, after the service was provided for free?
- Advertising: creative, appropriate for community, fun yet factual.

Trained Vets & Experienced Vets Available

DR, Hawaii,
Galapagos Samoa



Advertising that works!

Humor works!

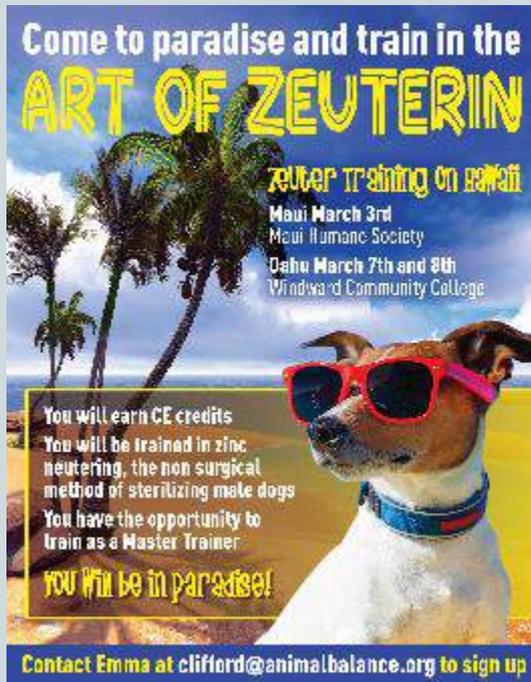
Come to paradise and train in the
ART OF ZEUTERIN

Zeuter Training on Hawaii
Maui March 3rd
Maui Humane Society
Oahu March 7th and 8th
Windward Community College

You will earn CE credits
You will be trained in zinc
neutering, the non surgical
method of sterilizing male dogs
You have the opportunity to
train as a Master Trainer

you will be in paradise!

Contact Emma at clifford@animalbalance.org to sign up



Oahu Z*M*A*S*H Sterilization Results



- Zeuter - 65 (2 Zeuter appointments were moved to Castration as they did not qualify)
- Dog Castration - 68
- Dog Spays - 96
- Cat spays - 43
- Cat castrations - 31

Zeuter = Neuter.

Clinic Dates: April 24th to 29th, 2014

Please contact Sarah at sarah@oahuspca.org
to make an appointment

Same results, but your dog gets to keep his balls.

Easy - Safe - Affordable

\$25
Oahu SPCA



Communication – Smart Phone Essential for After care



DR Training, 2 weeks later inject in rural area, no reception, 11 of 25 had reactions, 3 scrotal ablations performed



Oahu, Hawaii, hunting dogs, 0 reactions of 68 dogs injected. Clients sent photos of testicles every day.

