



Companion Animal  
Veterinary Otic Liquid Bandage



- *The most advanced and convenient way to help manage otitis externa*
- *Aids in controlling inflammation by keeping the ear canal clean*
- *Professional veterinary application, frees your clients from the burden of daily ear flushing*
- *One easy application every three months helps prevent recurrent otitis externa*
- *Steroid-free*
- *Use in conjunction with a six month wellness program to promote better overall health*



# Clinical Information

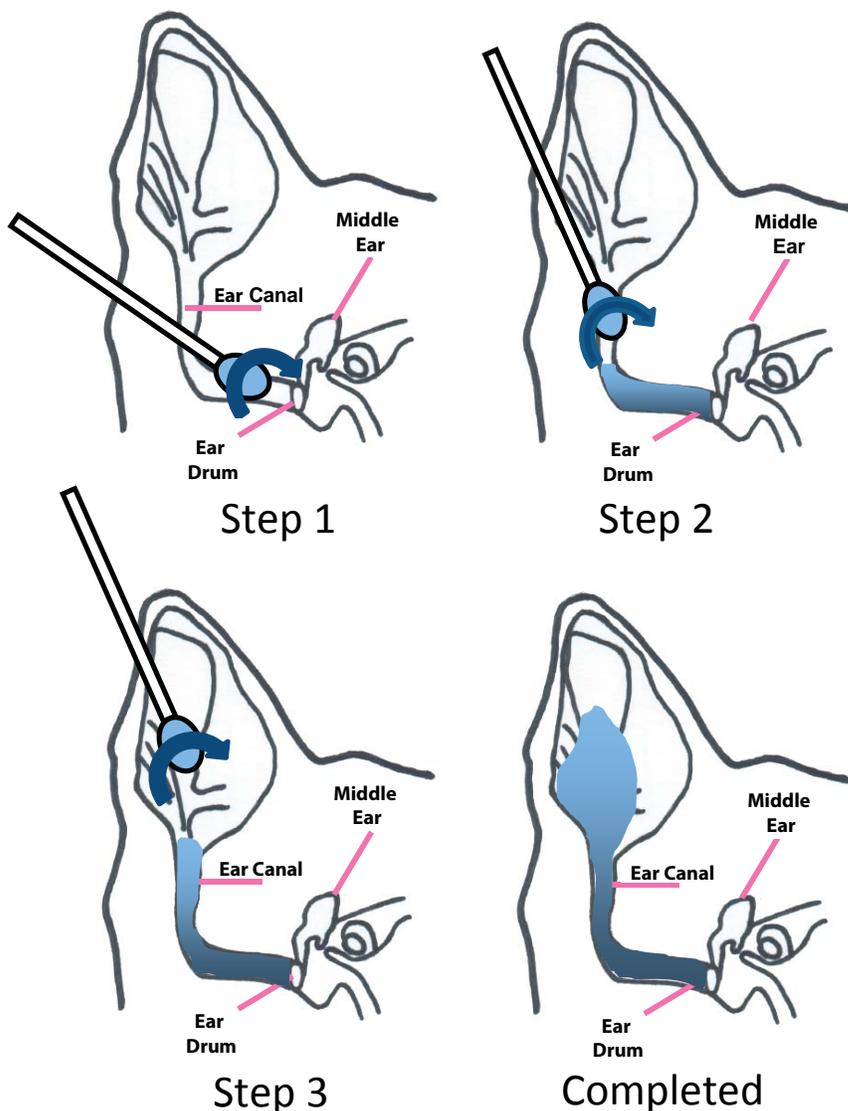
Otitis externa is a pattern of cutaneous disease that has predisposing factors, and underlying causes. Primary causes of otitis externa include atopic dermatitis (most common allergic cause of otitis), food allergy, and ear mites (*Otodectes*). Up to 86% of atopic dogs have historical or physical evidence of otitis<sup>1</sup>. Bacteria and yeast infections are primary or secondary factors to inflammation. Many dogs with otitis externa require lifelong management of their disease. The best way to prevent otitis is by keeping the dog's ear clean. This is important for those animals that have pendulous ears, have lots of hair in their ears, or have allergies or other medical problems that make them prone to ear infections. Treatment usually includes cleaning the ears by the pet owner daily for one to two weeks. This can be a challenging task. A study asked owners to rate the avoidance reaction of the dog when cleanser was administered into the ear. Thirty eight percent recorded a moderate to marked avoidance reaction by the dog<sup>2</sup>. Veterinarians can help pets avoid ear infections by practicing prevention. This is where OticArmor<sup>®</sup> can help. Applied by the veterinarian OticArmor<sup>®</sup> is designed to aid in controlling inflammation by keeping the ear canal clean. OticArmor<sup>®</sup> can best be described as a self-hardening liquid bandage that helps control otitis externa. Importantly, no daily home-care ear cleaning is required by the client and one application lasts up to 3 months.

1 Muse, R. et al: The prevalence of otic manifestations and otitis externa in allergic dogs (abstr.) *Proc. AAVD/ACVD*, Las Vegas, 1996; p. 23

2 Reme, C.A et al: The efficacy of an antiseptic and microbial anti-adhesive ear cleanser in dogs with otitis externa. *Veterinary Therapeutics* 7 (1) Spring 2006, 15-26

## Application

- First, flush both ears with a cleaning solution, massage, remove debris, rinse thoroughly with water and dry with gauze.
- Next, apply OticArmor<sup>®</sup> by dipping the swab into the vial and count to 4 (blue liquid will saturate the applicator tip). Place the swab into the ear canal, parallel to the surface to be coated as far as possible without touching the tympanic membrane. Paint surface 360° inside of the ear canal for full coverage. Keep the applicator parallel to the surface while applying constant pressure and slowly rotating the swab between your fingers moving the swab circularly (coat 360° in the ear canal).
- Re-dip the swab into the liquid for each pass (failure to re-dip will remove product).



Step 1 shows the painting of the horizontal ear canal to the vertical-horizontal ear canal junction. Make sure that you coat the entire surface of the horizontal ear canal.

Step 2 shows the painting of the vertical ear canal.

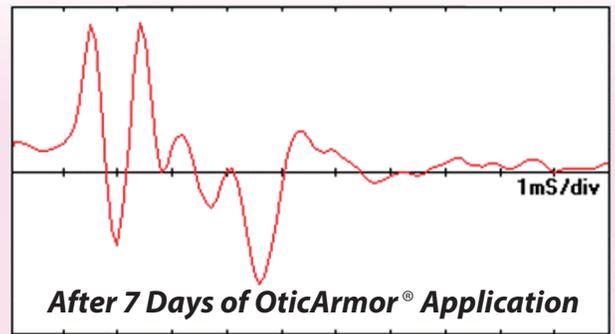
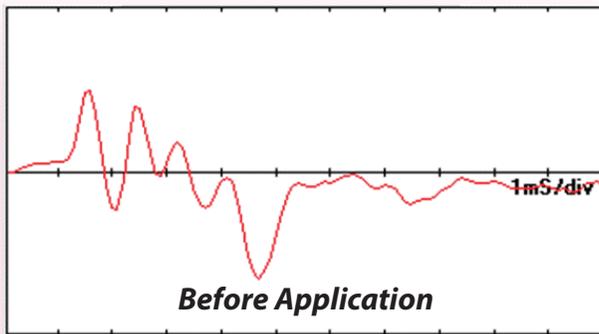


Step 3 shows the painting of the outer portion of the ear canal

Completed shows the coverage of the ear canal after steps 1-3.

Follow the above steps for each ear.

# Safety



OticArmor® was tested by the standard method Brainstem Auditory Evoked Responses (BAER) test to ensure that the product did not adversely affect normal hearing in dogs. A typical example of a BAER test of OticArmor® is shown above before ( day 0 ) and after ( day 7 ) demonstrating that OticArmor® did not adversely affect the hearing of the patient.

# Clinical Trial Results



Schick, et al. (2012) **Otitis Externa Prevention with OticArmor™, a veterinary otic liquid bandage: a 14 day study in client-owned dogs.** *Veterinary Dermatology*, **23** (Suppl. 1), 34

- One single application significantly reduced overall clinical scores by 37% in the OticArmor® applied ear compared to the control ear at day 14
- Individual signs were reduced by 67% for pruritus, 22% for erythema and 43% for exudate; OticArmor® vs control
- OticArmor® provides a well-tolerated and convenient method to help and aid in the control of clinical signs of mild otitis externa

# Why OticArmor® ?

- Eliminates the compliance problem with home care flushes and cleaners
- Ideal for breeds who are prone to Otitis Externa
- To help lengthen the time between relapses of Otitis Externa
- Liquid bandage, made from specially designed non-toxic polymers
- Easy-to-apply in the clinic
- Dries in seconds and is designed to last for up to 3 months
- Clinically proven to be effective



## Product Information

- (1) otic workstation
- (2) applicator swabs
- (1) 1/16 oz. product vial & cap

Warning: Not For Human Use

For Animal Use Only

For Use In Dogs

Topical Use Only

Store at room temperature

Keep away from heat & sunlight

For more information :  
Email: [oticarmor@allacem.com](mailto:oticarmor@allacem.com)  
Phone: 888-617-2667  
Website: [www.allacem.com](http://www.allacem.com)

OticArmor® is manufactured by AllAccem, Inc.

  
**AllAccem**  
Copyright 2011 © AllAccem, Inc.