



Overview/description

Key challenges in canine otitis externa – diagnostic and treatment (new/old) tips

Incomplete resolution of otitis externa is one of the most common reasons cited by clients for frustration with their veterinarian and a common cause for seeking second opinions. In this session, Dr. Yu will provide diagnostic tips, including addressing underlying etiologies, updated affordable diagnostic imaging options, optimizing sampling and cytology to achieve a definitive diagnosis, and treatment option selection including use of daily to newer long-acting topical therapies as well as systemic therapy choices for pain/inflammation to antimicrobial treatments.

Speaker's bio and credentials



Anthony Yu, BSc, DVM, MS, DACVD

Dr. Yu completed his DVM at the Ontario Veterinary College (OVC) in 1990, and after finishing a residency and MSc in 1995 at Auburn University, Alabama, USA, he became a Diplomate of the American College of Veterinary Dermatology in 1996. He started the first private dermatology referral practice in Oregon where he dealt with chronic ear, skin, and allergic conditions in dogs, cats, and horses for 11 years. He then returned to the OVC as an Associate Professor in Veterinary Dermatology in 2004. As of 2013, Dr. Yu is back in private referral practice at the Veterinary Allergy Dermatology & Ear Referral Clinic (VADER) in Southwestern Ontario. He has lectured extensively and authored, and guest edited several publications in canine, feline, and equine journals and veterinary textbooks.



Questionnaire

- 1. What percentage of food-allergic patients present with otitis externa as the ONLY clinical sign?**
 - 10%
 - 24%
 - 50%
 - 75%
- 2. Which of the following is considered a primary underlying etiology for chronic recurrent otitis externa?**
 - Malassezia overgrowth
 - Bacterial infection
 - Atopic dermatitis
 - Excessive cleaning
- 3. Based on the Robson et al. study on Pseudomonas otitis, what is the conclusion regarding current sensitivity tests for topical therapy?**
 - They are essential for choosing the correct topical antibiotic.
 - They are of minimal value when using topical therapy.
 - They accurately predict clinical response in over 90% of cases.
 - They should be performed in every case of otitis externa.
- 4. What is the mechanism of action for EDTA in Tris-EDTA ear cleaners?**
 - It acts as a surfactant to break down peptidoglycan.
 - It chelates Ca⁺⁺ to open porin channels in the bacterial wall.
 - It directly kills bacteria through oxidative damage.
 - It reduces inflammation within the ear canal.
- 5. What is the recommended volume of ear medication for a large breed dog, such as a Golden Retriever?**
 - 0.25 ml (10 drops)
 - 0.5 ml (20 drops)
 - 0.75 ml (30 drops)
 - 1.0 ml (40 drops)



6. Which of the following is NOT an active ingredient in Claro®?
- Florfenicol
 - Terbinafine
 - Mometasone furoate
 - Gentamicin
7. For maintenance therapy, if cytology is normal but the ear canals are inflamed, what is a recommended treatment?
- Monthly Claro or Osurnia
 - Systemic antibiotics for 30 days
 - Two consecutive days weekly Cortavance
 - Daily ear plucking
8. According to the topical corticosteroid safety ranking, which of the following is considered the safest?
- Dexamethasone
 - Betamethasone
 - Prednisolone
 - Hydrocortisone, Mometasone
9. Mometamax Single is indicated for the treatment of otitis externa in dogs caused by which group of organisms?
- Malassezia, Staphylococcus pseudintermedius, and Pseudomonas aeruginosa
 - Only Malassezia pachydermatis
 - Only drug-resistant Staphylococcus
 - Otodectes cynotis and other mites
10. Which class of medication is recommended to address ectoparasites like Otodectes cynotis?
- Macrolide antibiotics
 - Triazole antifungals
 - Isoxazolines
 - Topical corticosteroids



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PERSONAL INFORMATION:

First name:

Last name:

Type:

(Veterinarian, Technician)

Licence number:

Province where you practise:

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CERTIFICATE OF COMPLETION

Educational webcast

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Presented by

Anthony Yu, BSc, DVM, MS, DACVD

This document confirms that

Dr. Lorem Ipsum

has viewed the above-mentioned webcast and has answered and submitted the questionnaire meant to evaluate the understanding of the content.

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