

	ABELIA® GlycoZoo	ABELIA® Zn-Otic	ABELIA® TrisEDTA	KLISE® Ear Therapy
<b>Species</b>	Dogs, Cats, Exotic and Horses	Dogs, Cats and Exotic	Dogs and cats	Dogs
<b>Composition</b>	Boric Acid 2% Glycolic Acid 2% Ceramides	Zinc Gluconate 1% Boric Acid 1% L-lysine 1% Taurine 0.5%	Tromethamine base 0.60% Tromethamine HCl 0.35% EDTA 0.12% Benzyl alcohol 0.30%	EHamamelis Extract 10% Tea Tree Oil 0.5% Chlorhexidine Gluconate 0.2%
<b>Presentation</b>	118 ml	59 ml	118 ml	118 ml
<b>Use in Perforated Tympanum</b>	Yes	Yes	Yes	No
<b>Cerumenolitic Action</b>	****	**	***	***
<b>Anti-Malassezia Efficacy</b>	High	Medium-High	-	Medium-Low
<b>Antibacterial Efficacy</b>	-	Medium-Low	High	Medium
<b>Primary use</b>	<ul style="list-style-type: none"> <li>• Treatment of acute otitis by Malassezia.</li> <li>• Otitis who have problems with keratinization such as seborrhea.</li> </ul>	<ul style="list-style-type: none"> <li>• Preventive / maintenance in chronic otitis by Malassezia and / or mixed.</li> <li>• Treatment of acute otitis by Malassezia and / or mixed in very sensitive, irritated or ulcerated ears.</li> <li>• Choice as maintenance of animals with atopy.</li> </ul>	<ul style="list-style-type: none"> <li>• Main treatment or adjuvant (potentiates the effect of antibiotics) on bacterial otitis.</li> <li>• Prevention of recurrent infections</li> </ul>	<ul style="list-style-type: none"> <li>• Daily hygiene of the auditory ducts and headphones.</li> <li>• Cleaner / adjuvant treatment in otitis.</li> </ul>
<b>Other Advantages</b>	<ul style="list-style-type: none"> <li>• Exfoliating action that favors the renewal of the epithelium and allows better contact with active principles.</li> <li>• Powerful secant action of the ear canal.</li> <li>• Contains Ceramides, essential for regenerating the epithelium.</li> </ul>	<ul style="list-style-type: none"> <li>• Calming action. Relieves itching and discomfort.</li> <li>• It stimulates the healing of the damaged mucosa and restores the natural microenvironment of the ear.</li> <li>• Helps eliminate bacteria that cause bad smell.</li> <li>• Secant action of the ear canal.</li> </ul>	<ul style="list-style-type: none"> <li>• Broad spectrum antibacterial activity against Gram + (Streptococcus, Staphylococcus ...) and Gram - (Pseudomonas, Proteus ...) reinforced with Benzyl alcohol.</li> <li>• Proven synergistic action of EDTA / Tromethamine with antibiotics.</li> <li>• Improved cleaning action.</li> </ul>	<ul style="list-style-type: none"> <li>• Prevents and eliminates wax buildup.</li> <li>• Preventive antiseptic agent for otitis bacterial and fungal infections.</li> <li>• Cleaning prior to treatment with antibiotics / antifungals.</li> <li>• Calming action. Reduces pruritus and discomfort.</li> </ul>
<b>How to use</b>	<ul style="list-style-type: none"> <li>• Treatment: 1-2 times / day.</li> <li>• Maintenance / Prevention: 1-2 times / week.</li> </ul>	<ul style="list-style-type: none"> <li>• Treatment: 1-2 times / day.</li> <li>• Maintenance / Prevention: 1-2 times / week.</li> <li>• First application: Fill the ear canal.</li> <li>• Later applications: Manage, depending of the size of the pet, from 0.25 ml (5 drops) to 3 ml.</li> </ul>	<ul style="list-style-type: none"> <li>• Treatment: 1-2 times / day for at least 4 weeks (the duration should be assessed by the clinician).</li> <li>• Maintenance / Prevention: 1-2 times / week.</li> <li>• Administer ABELIA® TrisEDTA 15-30 minutes before of the application of the optic antibiotic (recommended).</li> <li>• Apply simultaneously in master formula*.</li> </ul>	<ul style="list-style-type: none"> <li>• Maintenance: 1-2 times per week.</li> <li>• Suitable for frequent use.</li> </ul>
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>• Very low incidence of post-application stinging.</li> </ul>	<ul style="list-style-type: none"> <li>• Very low incidence of post-application stinging.</li> </ul>	<ul style="list-style-type: none"> <li>• Very low incidence of post-application stinging.</li> <li>• pH 8: preserves the activity of antibiotics which are inactivated in acidic environments.</li> </ul>	<ul style="list-style-type: none"> <li>• Very low incidence of post-application stinging.</li> <li>• Do not use on cats.</li> </ul>

### General Practical Recommendations for the Use of Optical Cleaning / Treatment:

- 1) Fill the ear canal: apply between 1-5 ml depending on the breed (at least 0.5 to 2 ml is required to reach middle ear).
- 2) Gently but firmly massage the base of the ear for a few seconds.
- 3) Remove excess solution with a gauze or paper towel. Do not remove or wash the optical solution.

### Master Formula\*:

- Add to ABELIA® TrisEDTA container:
  - 600 mg of enrofloxacin injection (eg 10% strength: 6 ml). Alternatively add: 400 mg of marbofloxacin or 300 mg of amikacin injectables. These concentrations may be doubled in cases of antibiotic resistance.
  - If there is inflammation add 8-16 mg of injectable dexamethasone (aqueous solutions such as sodium phosphate are safer and diluted better).
  - If there is a diagnosis of otocariasis add 6 ml of Ivermectin 1%.
- Administer enough product to fill the ear canal, do not remove solution.
- Establish the frequency and duration of treatment based on the antibiotic used. The application of the product is recommended 2 times a day for at least 30 days, until healing.
- This formula is effective at room temperature for 3 months\*\*.

\* According to publications by S. Patterson; C. Griffin; C. Foil; J. Plant, R.A.W. Rosychuk; S.D. White; C.S. Daigley; K.A. Hnilica et al. \*\* Sparks T.A., Kemp D.T., Wooley R.E., Gibbs P.S. Anti-microbial effect of combinations of EDTA-Tris and amikacin or neomycin on the microorganisms associated with otitis externa in dogs. Vet Res Commun. 1994; 18 (4): 241-9 "