Plumb's Drug Handouts

# Gentamicin/Miconazole/Hydrocortisone, Otic

(***jen****-ta-mye-sin/mye-****kah****-nah-zole/hye-droe-****kor****-ti-zone*)

**Key Information**

- Antibiotic, antifungal, and steroid combination ear drop used to treat external ear infections.
- Shake well before use.
- Make sure the outer portion of the ear is clean and dry before application.
- Avoid contact with the eyes, nose, and mouth.
- Possible side effects include redness or discomfort after application.
- Contact your veterinarian if you notice stomach upset, hearing loss, or head tilt.

**Note:** The purpose of this information sheet is to answer commonly asked questions. It does not contain all available information for this medication and is not a substitute for medical advice provided by your veterinary healthcare team.

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| **Description** | • Combination ear drop<br>  - Gentamicin is an antibiotic that treats bacterial infections.<br>  - Miconazole is an antifungal that treats yeast infections.<br>  - Hydrocortisone is a steroid that treats inflammation. |
| **Other common names** | *EasOtic* |
| **Uses** | FDA-approved uses in animals:<br>• Treatment of external ear infections caused by bacteria and yeast in dogs<br>At the discretion of your veterinarian, this medication may be used in different species or for other reasons (extra-label use). |
| **Before this medication is given** | No medication is 100% safe in all patients. Discuss with your veterinarian:<br>• Any other medications or supplements your animal is taking<br>• Any conditions or diseases your animal currently has or has had in the past<br>• Any side effects your animal has had to medications in the past<br>• The risks of using this medication if your animal is pregnant or nursing<br>Talk to your veterinarian if your animal will be getting allergy tested. |
| **Warnings for animals** | • Do **not** use in animals:<br>  - That are allergic any of the active ingredients or related medications<br>  - With a confirmed or suspected ruptured eardrum<br>• Use with **caution** in animals:<br>  - With liver or kidney disease<br>• Avoid contact with your animal's eyes, nose, and mouth.<br>• Long-term use of steroid ear drops may lead to decreased cortisol production.<br>• Avoid use with other medications that can be harmful to the ears.<br>Certain medications are not allowed in some animal competitions. Check rules and regulations when your animal is taking a medication. |
| **Warnings for humans** | • Wash your hands after handling this medication.<br>• In case of accidental skin contact, wash the area thoroughly with soap and water.<br>• Avoid contact with the eyes.<br>• Avoid handling if you are allergic to hydrocortisone, aminoglycoside antibiotics, or azole antifungals. |

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| **How do I give this medication?** | • Shake well before each use.<br>• Before the first use, prime the canister by pressing the pump firmly several times until medication fills the nozzle.<br>• Make sure your animal's outer ear is clean and dry before application.<br>• Apply to the affected ear(s) as directed by your veterinarian. Do NOT give by mouth.<br>*Apply exactly as your veterinarian has prescribed. Always follow the instructions on the prescription label.* |
| **Side effects** | **Common** – contact your veterinarian if any of these signs are severe, continue to occur, or worsen over time:<br>• Redness or discomfort at the application site<br>**Severe** – stop the medication and contact your veterinarian immediately if you notice any of these signs:<br>• Vomiting, diarrhea, or loss of appetite<br>• Sudden hearing loss<br>• Head tilt or walking in circles<br>• Increased thirst and frequent urination<br>• Thinning of the skin, skin tears, or progressive hair loss |
| **How will I know it's working?** | • Your animal should start feeling better within 1 to 2 days.<br>*Contact your veterinary clinic if your animal's signs worsen or do not improve.* |
| **How long will the medication effects last?** | The effect of this medication may last for up to a couple days after the last dose. |
| **How long do I give it for?** | This medication can be given for different lengths of time. Give it for as long as your veterinarian tells you. |
| **Overdose** | An overdose can occur if your animal eats the medication, if the treatment area covers a large part of your animal's body, or if too much medication is applied. If this happens, contact your veterinarian or an animal-specific poison control center for further advice (consultation fee applies):<br>• **ASPCA Animal Poison Control Center**: (888) 426-4435<br>• **Pet Poison Helpline**: (855) 764-7661<br>*Have the product or label with you if possible.* |
| **Missed dose** | In most cases, if you miss a dose:<br>• Give it when you remember, then return to the regular dosing schedule.<br>If it is close to the time for the next dose:<br>• Skip the missed dose.<br>• Give the next dose at the next scheduled time.<br>• Continue the regular dosing schedule.<br>*If you are unsure, call your veterinary clinic. Do not double-up or give extra doses.* |
| **Storage** | • Store in the original container at room temperature.<br>• Keep out of reach of children and animals. |
| **Disposal** | Do **not** flush this medication down the toilet or wash it down the sink. Options for disposing of unused or expired medications include:<br>• Drug take-back sites: This is preferred whenever possible. To find a site near you, contact your local law enforcement or waste management authorities.<br>• Home disposal: Mix the medication in with coffee grounds or kitty litter, seal in a plastic bag, and throw away in the trash. |

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| | *Do **not** save leftover medication or give it to others to use.* |
| **Questions?** | Talk to your veterinarian. |

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