



Examination



Dechra Otic Range

CONSIDERATIONS IN TREATING OTITIS EXTERNA



Cytology

Exudate



Ceruminous



Purulent

Degree of swelling

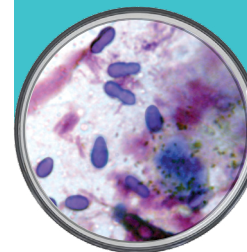


Parasites



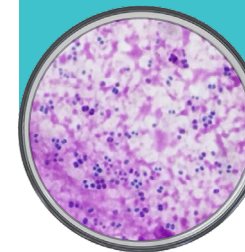
Otodectes cynotis

Fungi & Yeast

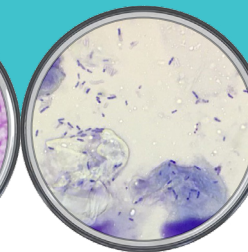


Malassezia

Bacteria



Cocci bacteria





Rod bacteria

TIP: In dermatology, most cocci bacteria are gram positive (e.g. *Staphylococcus*, *Streptococcus*) and most rod bacteria are gram negative (e.g. *Pseudomonas*, *Proteus*).

SPECIES

TREATMENT

DOSING

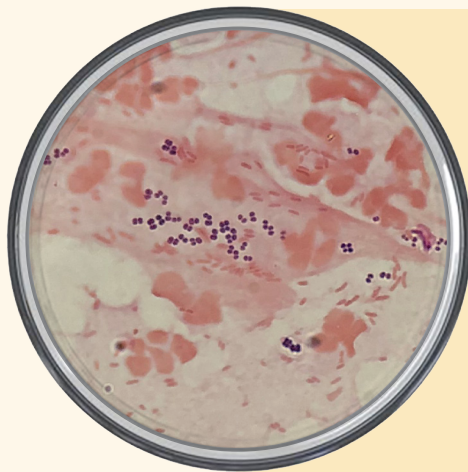
| |  |  | Softens and dissolves cerumen | Anti-inflammatory | <i>Otodectes cynotis</i> | Malassezia | Gram positive bacteria | Gram negative bacteria | Owner applies twice daily at home | Vet applies two doses 7 days apart |
|------------------|---|---|-------------------------------|-------------------|--------------------------|------------|------------------------|--|-----------------------------------|------------------------------------|
| Canaural® | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Apex PMP | ✓ | ✓ | Clean ear before use | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Osumnia® | ✓ | | Clean ear before first dose | ✓ | | ✓ | ✓ | Not suitable for <i>Pseudomonas</i> spp. | | ✓ |

Treating the otitis externa that is apparent on presentation is only the first step. It is important to identify and manage the primary causes, such as atopy and food allergy, to prevent recurrent episodes. Please visit www.dechra.co.nz or call us on 0800 479 838 for more information on managing otitis.

ACVM Registration Nos: A02777, A011130, A011416 | Bacterial cytology photos courtesy of Dr Debbie Simpson

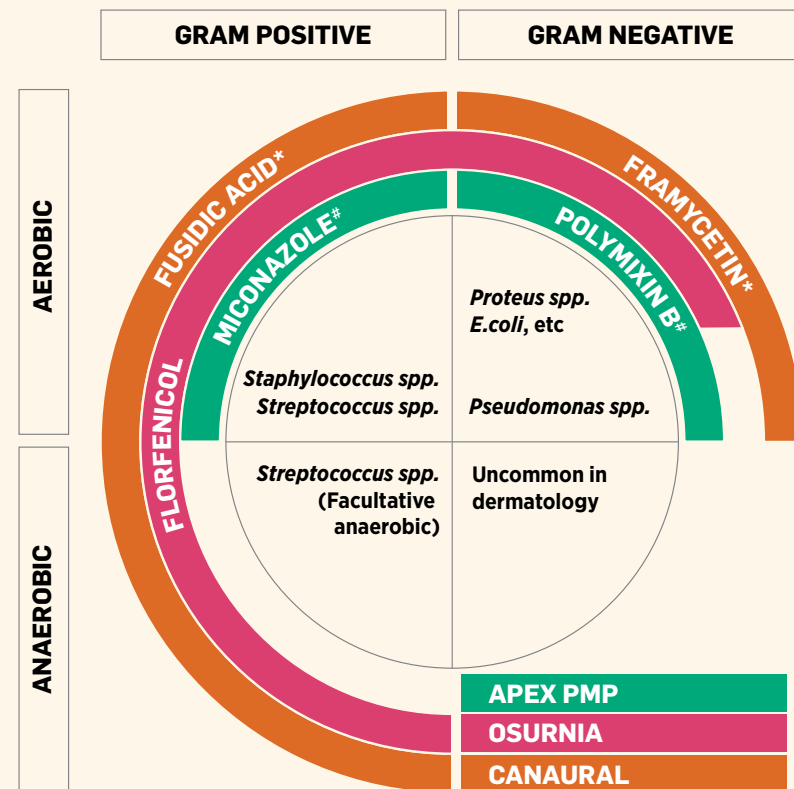
A NOTE ON BACTERIA

While Diff Quik is the most common stain to use in clinic, it stains all bacteria the same colour (purple) and does not differentiate between gram positive and gram negative bacteria. Gram Stain makes gram positive bacteria purple, and gram negative bacteria light pink. In dermatology, most cocci are gram positive, and most rods are gram negative.



Gram positive cocci and gram negative rods with degenerate neutrophils.

Each of the Dechra Otic Products contain antibacterial agents that have different spectrums of activity across gram positive and gram negative bacteria.



*Synergistic against *Staphylococcus* | #Synergistic against *Pseudomonas*