



Dechra Otic Range considerations in treating otitis externa

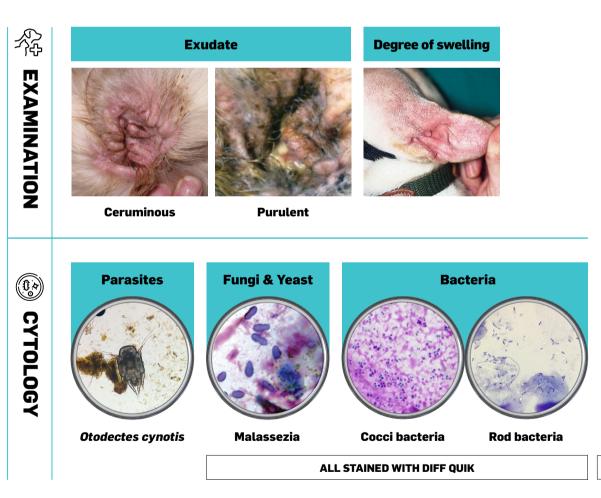
Canine otitis externa is complex and can involve more than one aetiology. The causes and factors of otitis externa are summarised by the PSPP system.

		DEFINITION	Can cause otitis on its own	EXAMPLES
Causes	Primary	Directly cause damage or inflammation to the ear canal skin.	✓	Otodectes cynotis Foreign body (e.g. grass seed) Atopic dermatitis or adverse food reactions Epithelisation or metabolic disorders
	Secondary	Contribute to or cause pathology in an abnormal ear.	X	Yeast and bacterial overgrowth Bacterial infection
Factors	Predisposing	Increase the risk of developing otitis externa.	×	Excessive soft tissue in canalsStenotic ear canalsExcessive hair in the ear canal
	Perpetuating	Occur in response to otitis externa. Prevent resolution of otitis externa, even when the primary cause is resolved.	×	Chronic thickening of the ear canal epithelium Fibrosis and calcification of the ear canal Ruptured tympanum and otitis media

REMEMBER! Consider ALL causes and factors in the management of your otitis patient for long term success. The goals of treatments should be:

- → Identify and manage the primary cause
- → Resolve the secondary infection
- Correct predisposing factors
- Resolve perpetuating factors

Consider the DECHRA OTIC RANGE in your initial treatment plan to resolve the immediate primary problem of *Otodectes cynotis*, secondary infections involving Malassezia and bacteria, and for their anti-inflammatory effect. Assess the following factors to decide which one to use:



A NOTE ON BACTERIA While Diff Quik is the most common stain to use in clinic, it stains all Gram positive bacteria the same colour (purple) and cocci and gram does not differentiate between gram negative rods positive and gram negative bacteria. with degenerate Gram Stain makes gram positive neutrophils. bacteria purple, and gram negative bacteria light pink. In dermatology, most cocci are gram positive, and most rods are gram negative. **GRAM POSITIVE GRAM NEGATIVE** Each of the AEROBIC Dechra Otic Products contain Proteus spp. antibacterial agents that have different spectrums taphylococcus spp. of activity across gram positive and Streptococcus spp. (Facultative gram negative bacteria. ANAEROBIC *Synergistic against Staphylococcus | *Synergistic against Pseudomonas

SPECIES TREATMENT DOSING Softens and Gram positive Gram negative Owner applies Vet applies two **Anti-inflammatory** Malassezia dissolves cerumen twice daily at home doses 7 days apart cynotis bacteria bacteria **Canaural®** Clean ear **Apex PMP** before use Clean ear Not suitable for Osurnia® before first dose Pseudomonas spp.

Ensure the patient returns for a recheck, so that the efficacy of treatment for the secondary infection can be assessed and adjusted if needed. Primary, predisposing and perpetuating factors should also be further investigated and addressed, and if necessary, a long term management plan put in place for the patient.