

# 5<sup>v</sup>7 DAY DOSING INTERVAL OF EXTENDED-RELEASE INJECTABLE OMEPRAZOLE FOR THE TREATMENT OF EQUINE SQUAMOUS AND GLANDULAR GASTRIC DISEASE

Sundra T, Kelty E, Rendle D (2023) Equine Vet J



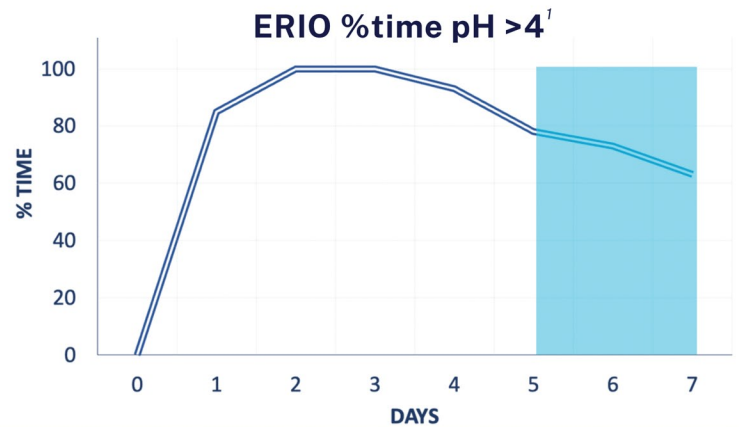
**Benchmark for healing: pH >4 for >66% of time**



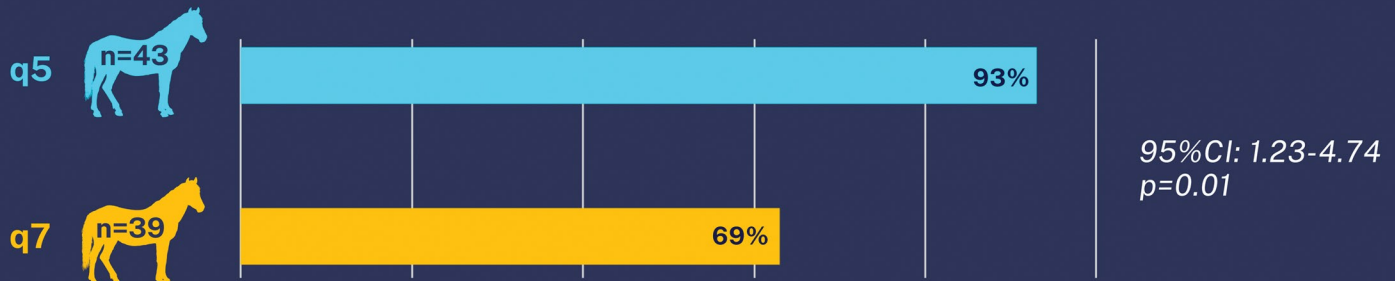
**100mg/ml extended-release injectable omeprazole (ERIO)<sup>†</sup>**



**Administered at 5 or 7 day intervals for a total of 4 doses**



## EQUINE GLANDULAR GASTRIC DISEASE HEALING RATES (Grade 0/1)



## EQUINE SQUAMOUS GASTRIC DISEASE HEALING RATES



**ADMINISTRATION OF ERIO AT 5-DAY INTERVALS RESULTS IN SUPERIOR RATES OF EGGD HEALING COMPARED TO 7-DAY INTERVALS**

**Low complication rate which is not increased by more frequent injection**

<https://beva.onlinelibrary.wiley.com/doi/abs/10.1111/evj.13938>

<sup>†</sup>Injectable omeprazole; BOVA AUS, Caringbah, NSW, Australia  
<sup>†</sup>Adapted from: Sykes BW, Kathawala K, Song Y, Garg S, Page SW, Underwood C, et al. Preliminary investigations into a novel, long-acting, injectable, intramuscular formulation of omeprazole in the horse. Equine Vet J. 2017;49(6):795-801.



**EMT CONSULTING**  
EQUINE MEDICINE & THERAPEUTICS



**Equine Veterinary Journal**  
BEVA Journals