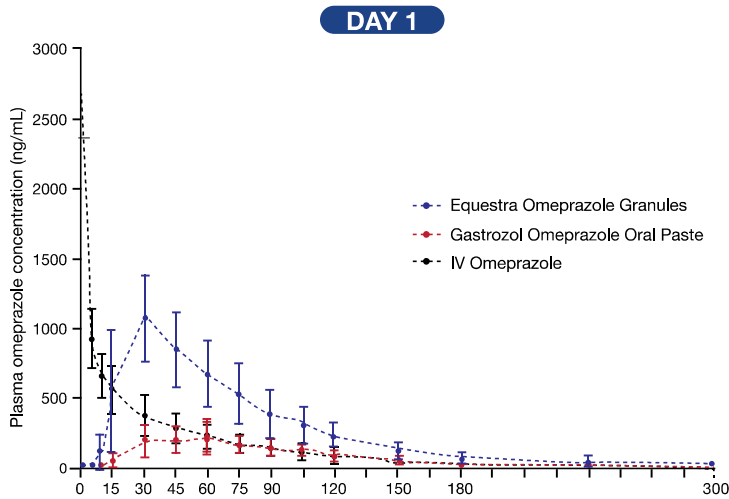
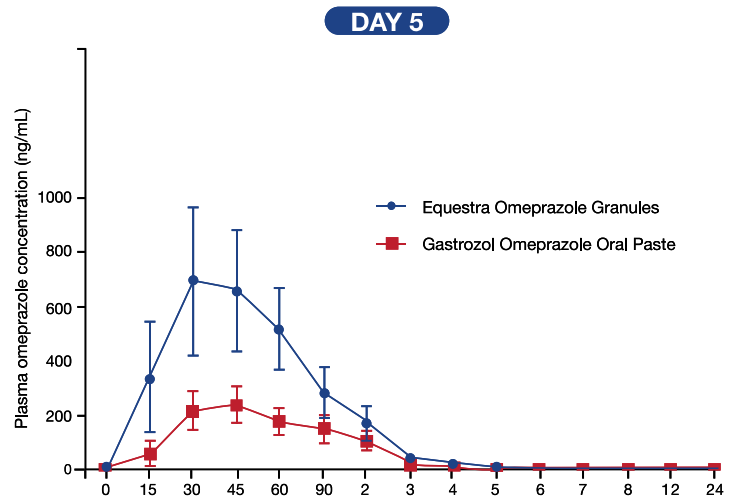


CLINICAL EVIDENCE

Equestra's High Bioavailability



Day 1: Plasma omeprazole concentrations following intravenous administration of omeprazole (0.5 mg/kg) and oral administration of Gastrozol omeprazole paste (1 mg/kg) or Equestra omeprazole granules (2 mg/kg). Results are shown as mean and 95% CI.



Day 5: Plasma omeprazole concentrations following oral administration of Gastrozol omeprazole paste (1 mg/kg) or Equestra omeprazole granules (2 mg/kg). Results are shown as mean and 95% CI.

“Equestra in-feed preparation was readily consumed by horses and results indicated that it would be a suitable alternative to oral paste.¹”

Added Benefit of Convenience

	Equestra Equine Omeprazole Granules	Omeprazole Oral Paste
EASY TO USE	✓ Simply sprinkle in feed	✗ Need to catch the horse to administer**
OVERNIGHT FAST	✓ Yes	✓ Yes
WAIT TIME BEFORE FEEDING	✓ 30 minutes	✗ 60 minutes
BIOAVAILABILITY	✓ 55 % ¹	✗ 15 % ^{2,3} - 17 % ¹
EXPERT TECHNICAL SUPPORT	✓	✗ Not all
ENTERIC COATING	✓	✗ Not all

Sources:

1. Wise, J.C., Hughes, K.J., Edwards, S., Jacobson, G.A., Narkowicz, C.K. and Raidal, S.L. (2021) Pharmacokinetic and pharmacodynamic effects of 2 registered omeprazole preparations and varying dose rates in horses. *J. Vet. Intern. Med.* **35**, 620–631.
2. Sykes, B.W., Underwood, C., McGowan, C.M. and Mills, P.C. (2015) The effect of feeding on the pharmacokinetic variables of two commercially available formulations of omeprazole. *J. Vet. Pharmacol. Ther.* **38**, 500–503.
3. Raidal, S.L., Andrews, F.M., Nielsen, S.G. and Trope, G. (2017) Pharmacokinetic and pharmacodynamic effects of two omeprazole formulations on stomach pH and gastric ulcer scores. *Equine Vet. J.* **49**, 802–809. <http://doi.wiley.com/10.1111/evj.12691>. Accessed October 18, 2017.