

Over 181,624 doses sold globally. Now available in the USA!

Omeprazole (Injection Suspension)

One injection every 5-7 days^{1,2}

Strength: 100 mg/mL

Form: Injectable

Quantity: 20 mL

Drug Class: Proton Pump Inhibitor

Target Species: Horses

Dose Rates and Administration

- The dose of omeprazole is 4mg/kg intramuscular (gluteal or neck preferred, avoid pectorals) once every 5-7 days^{1,2}
- Warm to body temperature prior to administration
- Agitate the product well to ensure it is fully reconstituted
- Do not split the dose across multiple sites
- Ensure the site is aseptically prepared or at least cleaned prior to injection
- An 18 G needle is suggested for administration



- ✓ **Prolonged duration of action**
(one injection every 5-7 days) compared to other omeprazole alternatives^{1,2}
- ✓ **Improved compliance from horse owners²**
- ✓ **100% manufactured**
following FDA enforced regulations
- ✓ **Ready to ship same day nationwide**
with 1-2 business days in transit
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Mode of Action: Omeprazole injection (Bova formulation) is an oil-based injection that exerts its effect by irreversibly blocking the actions of an enzyme responsible for acid production, called H⁺/K⁺ ATPase or Proton Pump Inhibitor (PPI).

It is recommended to note that the Bova EROI (extended release omeprazole injection) differs to other formulations compounded in the USA^{2,3}. Other long acting injections have seen 48% complication rates and low healing^{2,3}.

Monitoring and Contraindications: This is an oil-based injection that can cause transient non-painful swelling after administration. This resolves on its own and has not been reported to have required further treatment in the past. It is not to be administered IM into the pectoral muscle. Omeprazole may increase the rate of intestinal complications when administered concurrently with phenylbutazone to horses with EGGD or equine gastric ulcer syndrome. Has not been studied on pregnant/nursing mares.

Storage requirements: Store at 77° F or below.

References: **1.** Sundra T, Kelty E, Rendle D. Five versus seven-day dosing intervals of extended-release injectable omeprazole in the treatment of equine squamous and glandular gastric disease. *Equine Vet J.* 2023. <https://doi.org/10.1111/evj.13938>. **2.** Rendle, D.I. & Gough, S.L. (2024) Pharmaceutical treatment of equine glandular gastric disease: A contextualized review of recent developments. *Equine Veterinary Education*, 00, 1-10. Available from: <https://doi.org/10.1111/evj.14047> **3.** Lehman, M.L., Bass, L., Gustafson, D.L., Rao, S. & O'Fallon, E.S. (2022) Clinical efficacy, safety and pharmacokinetics of a novel long-acting intramuscular omeprazole in performance horses with gastric ulcers. *Equine Veterinary Education*, 34, 573-580.