

**NEW**

# OMEPRAZOLE CHAMPION

**FIGHTING TO OVERCOME EQUINE GASTRIC ULCERATION**

**BIO-EQUIVALENT**  
to the  
reference  
product<sup>1</sup>

**COMPETITIVE PRICING » ERGONOMIC FINGERGRIP SYRINGE » DOSE UP TO 700KG HORSE » CINNAMON TASTE**

**ARE YOU READY FOR CHANGE?**



**gastazole**  
OMEPRAZOLE

USE MEDICINES RESPONSIBLY.  
PRESCRIPTION DECISIONS ARE FOR THE  
PERSON ISSUING THE PRESCRIPTION ALONE.

**chanelle**  
PHARMA

**Equine gastric ulceration syndrome (EGUS)** is a common finding in equine practice, impacting performance<sup>2</sup> and compromising welfare in affected horses.

## EQUINE GASTRIC ULCERATION SYNDROME AFFECTS:

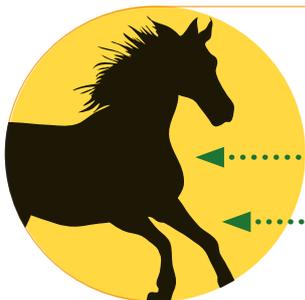
Up to **57%** of foals<sup>4</sup>

Up to **58%** show / sport horses<sup>3</sup>

Up to **59%** of pleasure horses<sup>3</sup>

Up to **93%** of endurance horses during the competition season<sup>3</sup>

Up to **100%** of thoroughbred racehorses in training<sup>3</sup>



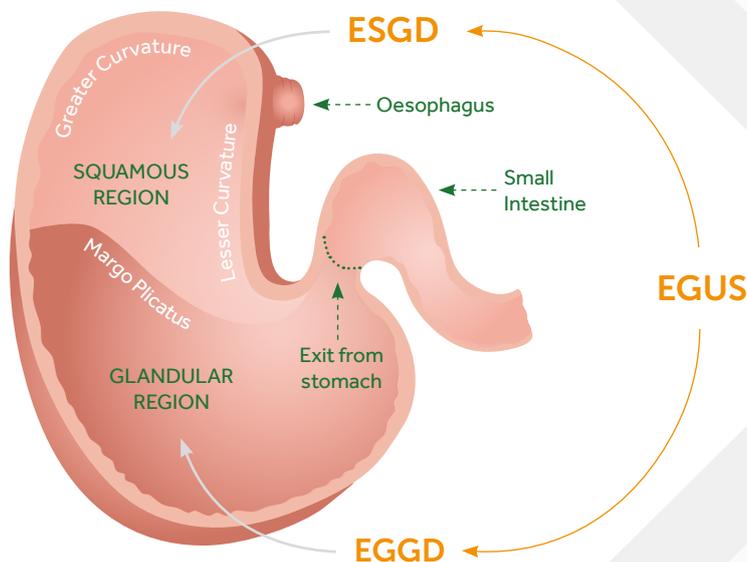
### Horses with EGUS have:<sup>2</sup>

Reduced aerobic capacity after training

Shorter stride length

## » DIAGNOSIS

Gastroscopy is the only method to definitively diagnose gastric ulceration and allows for distinction between ESGD and EGGD.



### Equine squamous gastric disease (ESGD):

- Lesions in squamous region
- Caused by excessive exposure to acidic gastric contents.

### Equine glandular gastric disease (EGGD):

- Lesions in glandular region
- Likely to result from an impairment of gastric mucosal defences.<sup>3,5</sup>

## » RISK FACTORS

ESGD	EGGD
<b>Stress<sup>3,7,8</sup></b>	
<b>Nutrition<sup>3,6,7</sup></b> <ul style="list-style-type: none"> <li>• High starch diet</li> <li>• Fasting</li> <li>• Lack of access to grazing or forage</li> </ul>	<b>Warmblood breed<sup>8</sup></b>
<b>Exercise<sup>3,7</sup></b> <ul style="list-style-type: none"> <li>• In racehorses, ESGD prevalence and lesion severity increases in association with training intensity and duration.</li> </ul>	<b>Regular exercise<sup>8</sup></b> <ul style="list-style-type: none"> <li>• &gt;5 x per week, regardless of intensity</li> </ul>

## » CLINICAL SIGNS

Clinical signs of EGUS are often non-specific and vague in adult horses, but reported signs include:<sup>3,7</sup>

- > Poor appetite
- > Poor body condition and weight loss
- > Dull/rough coat
- > Bruxism
- > Behavioural changes
- > Poor performance
- > Acute and recurrent colic
- > Diarrhoea
- > Pain on tightening the girth

## » TREATMENT AND PREVENTION

Omeprazole is the only licensed active for treatment and prevention of EGUS. Several studies have demonstrated its efficacy, healing 70-77% of squamous lesions within 28 days.<sup>3</sup>

Omeprazole is a proton pump inhibitor, acting on the H<sup>+</sup>/K<sup>+</sup>-ATPase enzyme system within the gastric mucosa.<sup>10</sup>

## » GASTAZOLE

An omeprazole paste which can be used for treatment of, and the prevention of recurrence, of gastric ulcers.

Gastazole has the edge:<sup>1</sup>

- **PROVEN FORMULATION** – a similar formulation to the reference product, including the cinnamon flavour horses love!
- **LARGE SYRINGE VOLUME** – can dose up to 700kg in a single syringe for easier dosing and better value.
- **USER-FRIENDLY ERGONOMIC SYRINGE** – with finger grips for effortless use.
- **COMPREHENSIVE MARKETING SUPPORT** – a full range of materials are available to help you promote Gastazole and its correct use by your clients.
- **TECHNICAL SUPPORT** – full technical support is available for optimal treatment success.



**Gastazole incorporates a user friendly, ergonomic finger grip syringe that aids dosing in dynamic environments.**

## » MANAGEMENT

Alongside treatment with omeprazole, it is recommended that management changes are also made to reduce the likelihood of recurrence:<sup>6,7</sup>

1	Provide free access to good quality forage
2	Increase grazing access
3	Avoid excessive concentrate feeding (less than 2kg per meal)
4	Ensure free access to water
5	Leave at least 6 hours between concentrate feeds and do not feed pre-forage
6	Feed a small forage meal 30-60 minutes prior to exercise
7	The addition of vegetable oil, such as corn oil, to the diet may help reduce the risk of EGGD

**Using omeprazole to prevent the recurrence of ESGD in training horses reduced the relative risk of developing ulcers by 87%, compared to untreated horses.<sup>9</sup>**

# TREATMENT WITH GASTAZOLE



Give orally (Replace cap after use)

## TREATMENT

Dose	Duration	Amount to give
4 mg/kg once daily	28 days	<ul style="list-style-type: none"> <li>Set the syringe plunger to the appropriate dose division for the horse's weight.</li> <li>Each 100 kg dose division on the syringe plunger delivers sufficient omeprazole to treat 100 kg body weight.</li> </ul>

## FOLLOWED BY

1 mg/kg once daily	28 days	<ul style="list-style-type: none"> <li>Set the syringe plunger to the dose division equivalent to one quarter of the horse's body weight.</li> <li>At this dose, each 100kg dose division on the syringe plunger will deliver sufficient omeprazole to treat 400 kg body weight.</li> </ul>
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## PREVENT RECURRENCE

1 mg/kg once daily

Gastazole can be used in foals from 4 weeks of age, weighing over 70kg.

Prescription decisions are for the person issuing the prescription alone.

**References:** **1.** Gastazole is bioequivalence to the reference product and contains similar excipient ingredients. **2.** Nieto JE, Snyder JR, Votistas NJ, Jones JH. Effect of gastric ulceration on physiologic responses to exercise in horses. *Am J Vet Res* 2009; 70:787-95. **3.** Sykes BW, Hewetson M, Hepburn RJ, Luthersson N, Tamzali Y. European College of Equine Internal Medicine Consensus Statement—Equine Gastric Ulcer Syndrome in Adult Horses. *J Vet Intern Med* 2015;29:1288-1299. **4.** Hewetson M, Venner M, Volquardsen J, Sykes BW, Hollowell GD, Vervuert I, Fosgate GT, Tulamo RM. Diagnostic accuracy of blood sucrose as a screening test for equine gastric ulcer syndrome (EGUS) in weanling foals. *Acta Vet Scand* (2018) 60:24. **5.** EGGD Consensus Statement Roundtable. Recommendations for the management of Equine Glandular Gastric Disease. 2018. **6.** Luthersson N, Nielsen KH, Harris P, Parkin TDH. Risk factors associated with equine gastric ulceration syndrome (EGUS) in 201 horses in Denmark. *Equine Vet J* 2009;41:625-630. **7.** Sykes BW, Jokisalo JM. Rethinking equine gastric ulcer syndrome: Part 2 - Equine squamous gastric ulcer syndrome (ESGUS). *Equine Vet Educ* 2015;27:264-268. **8.** van den Boom R. Equine gastric ulcer syndrome in adult horses. *Veterinary Journal* (London, England : 1997). 2022 May-Jun;283-284:105830. DOI: 10.1016/j.tvjl.2022.105830. PMID: 35472513. **9.** Mason LV, Moroney JR and Mason RJ (2019). Prophylactic therapy with omeprazole for prevention of equine gastric ulcer syndrome (EGUS) in horses in active training: a meta-analysis. *Equine Veterinary Journal* 51(1): 11-19. **10.** SPC. Gastazole 370 mg/g oral paste for horses.

**Contents:** Omeprazole. Target species: horses. Indications for use: For treatment of gastric ulcers and the prevention of recurrence of gastric ulcers. Further information can be found on the datasheet, SPC or at [www.chanellepharma.com](http://www.chanellepharma.com). Refer to product packaging and leaflets for full indications, side effects, precautions, warnings and contra-indications.

**Use Medicines Responsibly.** Ireland: POM UK: POM-V VPA10987/124/001.

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