



RISK FACTORS

- ☐ Inconsistent feeding schedules, more than 6 hours between forage meals, high starch/high concentrate diets
- ☐ Intermittent access to water
- ☐ Competition, training, exercise
- ☐ Travel, unfamiliar environments
- ☐ Hospitalization, pain, lay up
- ☐ Stall confinement, social regrouping, loss of companion
- ☐ +/- NSAID administration

CLINICAL SIGNS

- ☐ Poor performance, girthiness/cinchiness, lack of flexion, back soreness
- ☐ Behavior change, nervousness, aggression, self-mutilation, cribbing
- ☐ Recurrent, low grade colic especially after eating
- ☐ Inappetence, "picky" eater, poor body condition, weight loss, poor coat condition

If your horse meets any of the above criteria, talk with your veterinarian about scheduling a gastroscopy exam to look for the presence, location, and severity of gastric ulcers.

STRIKE BEFORE STRESS DOES
PREVENT
WITH
ULCERGARD®
(omeprazole)

STRIKE BACK AGAINST ULCERS
TREAT
WITH
GASTROGARD®
(omeprazole)

GASTROGARD IMPORTANT SAFETY INFORMATION:

The safety of GASTROGARD® paste has not been determined in pregnant or lactating mares. For use in horses and foals 4 weeks of age and older. Keep this and all drugs out of the reach of children. In case of ingestion, contact a physician. Caution: Federal (USA) law restricts this drug to use by or on the order of a licensed veterinarian.

ULCERGARD IMPORTANT SAFETY INFORMATION:

ULCERGARD® can be used in horses that weigh at least 600 lbs. Safety in pregnant mares has not been determined. Not for use in humans. Keep this and all medications out of the reach of children. In case of ingestion, contact a physician.

References:

- 1 Murray MJ, et al. Factors associated with gastric lesions in Thoroughbred racehorses. *Equine Vet J.* 1996;28:368-374.
- 2 McC lure SR, Glickman LT, Glickman NW. Prevalence of gastric ulcers in show horses. *J Am Vet Med Assoc* 1999;215:1130-1133.
- 3 Tamzali Y, Margeut C, Priymenko N, et al. Prevalence of gastric ulcer syndrome in high-level endurance horses. *Equine Vet J* 2011;43:141-144.
- 4 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.
- 5 Sykes BW, Sykes KM, Hallowell GD. A comparison of three doses of omeprazole in the treatment of gastric ulceration in the horse: A randomised, blinded clinical trial. *Equine Vet J* 2015;47:285-290.
- 6 Hepburn RJ. Endoscopic examination of the squamous and glandular gastric mucosa in sport and leisure horses: 684 horses (2005-2011) [abstract]. *Proc 11th International Equine Colic Research Symposium.* 2014. 5.

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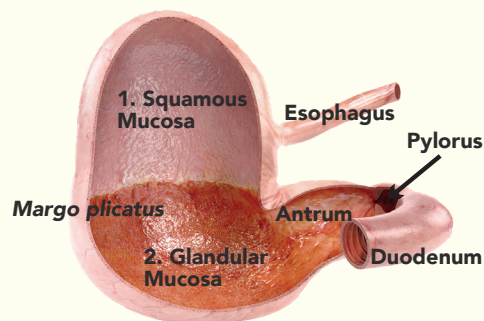
COULD YOUR HORSE HAVE GASTRIC ULCERS?

EQUINE GASTRIC ULCER SYNDROME



WHAT IS EQUINE GASTRIC ULCER SYNDROME (EGUS)?

EGUS encompasses a variety of lesions within the stomach. The horse has what is known as a complex stomach, meaning it has two different linings. The squamous mucosa (1) is the area above the margo plicatus. The glandular mucosa (2) includes the area below the margo plicatus extending through the antrum to the pylorus.



Note: Image represents an empty, air-filled stomach as observed during gastroscopy.

Lesions can occur in either location (equine squamous gastric disease ESGD and equine glandular gastric disease EGGD) but behave differently in terms of risk factors and response to treatment, hence the importance of gastroscopy to locate and grade disease. It is important to note that EGUS does not include “hind gut ulcers”, a poorly defined problem within the large colon and cecum of the horse.

PREVALENCE BY THE NUMBERS

ESGD (EQUINE SQUAMOUS GASTRIC DISEASE)

- Over 90% of racehorses¹
- 60% of show and pleasure horses²
- 90% of endurance horses during the competitive season³
- 11% of horses that rarely compete and don't travel often⁴

EGGD (EQUINE GLANDULAR GASTRIC DISEASE)

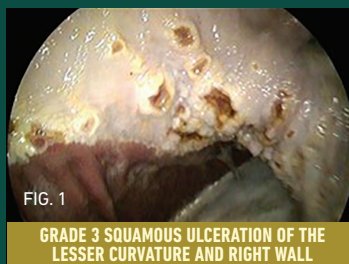
- 65% of racehorses⁵
- 64% of sport horses⁶
- 54% of leisure horses⁶



CASE #1

11yo WB gelding used for eventing.

Presented for decreased performance, bad attitude, not eating well



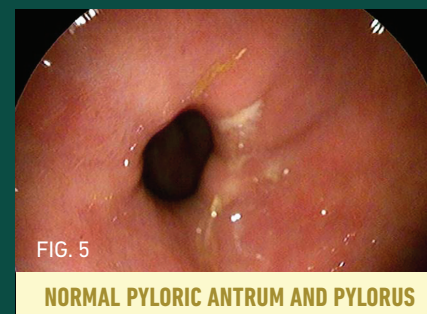
CASE #2

12 year old Morgan horse gelding used for trail riding.

Presented for behavior change, including bolting and bucking under saddle



NORMAL STOMACH LININGS



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