

UNIVERZITET U SARAJEVU - VETERINARSKI FAKULTET



Subakutna acidoza buraga goveda

Završni rad

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Subacute Ruminal Acidosis in Cows

Diploma Thesis

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SAŽETAK

Subakutna acidoza buraga (*engl. Subacute Ruminal Acidosis*) je metabolički poremećaj preživara koji nastaje uslijed dugotrajno smanjene pH vrijednosti buraga, i to najčešće zbog ishrane bogate lako fermentabilnim ugljikohidratima uz nedovoljan unos strukturnih vlakana. Najčešće se javlja kod visokomliječnih goveda odlikujući se subkliničkim tokom poremećaja što uveliko otežava pravovremenu dijagnozu.

Zbog ekonomskih gubitaka, smanjenja mliječnosti, te predispozicije za razvoj sekundarnih bolesti poput laminitisa predstavlja značajan problem u intenzivnoj govedarskoj proizvodnji. Ključna tačka kontrole ovog metaboličkog poremećaja je pravovremena prevencija i dijagnostika.

Naglasak rada stavljen je na značaju pravilno balansirane ishrane kao glavnog faktora u očuvanju zdravlja buraga i omogućavanju što boljih proizvodnih performansi životinja. Cilj je sistematski prikazati etiologiju, patogenezu, kliničke manifestacije, dijagnostičke metode, te mjere prevencije subakutne acidoze buraga.

SUMMARY

Subacute ruminal acidosis is a metabolic disorder of ruminants that occurs as a result of a long-term reduced pH value of the rumen, most often due to a diet rich in easily fermentable carbohydrates with an insufficient intake of structural fibers. It most often occurs in high-producing dairy cattle, characterized by a subclinical course of the disorder, which greatly complicates timely diagnosis.

Due to economic losses, reduction in milk yield, and predisposition to the development of secondary diseases such as laminitis, it represents a significant problem in intensive cattle production. The key point of controlling this metabolic disorder is timely prevention and diagnosis.

The emphasis of the work is placed on the importance of properly balanced nutrition as the main factor in preserving rumen health and enabling the best possible production performance of animals. The goal is to systematically present the etiology, pathogenesis, clinical manifestations, diagnostic methods, and prevention measures of subacute rumen acidosis.