

UNIVERZITET U SARAJEVU - VETERINARSKI FAKULTET



Doping konja u trkaćem sportu

Završni rad

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Doping in Horse Racing

Diploma Thesis

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SAŽETAK

Doping u konjičkim sportovima predstavlja jedan od velikih problema koji ugrožava dobrobit i zdravlje konja, ali i narušava osnovne principe etičkog kodeksa sportskog takmičenja. Upotreba supstanci koje se smatraju nedozvoljenim dovodi u pitanje fair- play I integritet konjičkog sporta. Ovaj rad obrađuje historijski razvoj dopinga, najčešće upotrebljivane supstance u svrhu poboljšavanja performansa, te problematiku njihove primjene u trkačkom sportu. U radu će se također predstaviti mehanizmi djelovanja pojedinih nedozvoljenih supstanci, njihov uticaj na organizam konja, te metode testiranja i otkrivanja istih.

U uvodnom dijelu rada prikazan je historijski razvoj dopinga, od perioda antičke Grčke pa sve do savremenog doba. Pojašnjava se povezanost pojave i razvoja dopinga kod ljudi s dopingom trkačkih konja, te uzročno-posljedična veza između pojave dopinga i razvoja antidopingških regulativa. Analizirani su različiti načini primjene nedozvoljenih supstanci i svrha njihove upotrebe, kao i postupci uzorkovanja, ispravnost uzorka te procedure i regulative koje se primjenjuju na takmičenjima. Akcenat se stavlja na laboratorijske metode testiranja u svrhu otkrivanja nedozvoljenih supstanci. Također se obrađuju načini aplikacije doping supstanci i metode njihovog maskiranja s ciljem otežavanja otkrivanja tokom antidoping kontrole.

Posljednji dio rada je posvećen savremenim metodama dopinga, poput genetskog dopinga te razvoja naučnih metoda za njegovo otkrivanje. Rad posebno naglašava važnost pravila Međunarodne konjičke federacije (FEI) i dosljednog poštivanja istih u svrhu očuvanja zdravlja i dobrobiti životinja.

SUMMARY

Doping in equestrian sports is one of the major problems that threatens the welfare and health of horses, but also undermines the fundamental principles of the ethical code of sporting competition. The use of substances considered prohibited calls into question fair play and the integrity of equestrian sport. This paper examines the historical development of doping, the most commonly used substances for performance enhancement, and the issues surrounding their application in equestrian sport. The paper will also present the mechanisms of action of various prohibited substances, their impact on the horse's body, and the methods for testing and detecting them.

The introductory section of the paper presents the historical development of doping, from the period of ancient Greece up to the modern era. It explains the connection between the emergence and development of doping in humans and that in racehorses, as well as the causal link between the appearance of doping and the development of anti-doping regulations. Various methods of administering prohibited substances and the purpose of their use are analysed, as are sampling procedures, sample integrity, and the procedures and regulations applied during competitions. The emphasis is placed on laboratory testing methods for the detection of prohibited substances. The methods of application of doping substances and their masking techniques, aimed at making detection during anti-doping controls more difficult, are also covered.

The final part of the paper is dedicated to modern methods of doping, such as genetic doping and the development of scientific methods for its detection. The paper particularly emphasises the importance of the rules of the International Federation for Equestrian Sports (FEI) and their consistent application in order to preserve the health and welfare of the animals.