Ozonetherapy for equine laminitis [abstract]

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ABSTRACT

Purpose: To teach and to demonstrate the efficiency of ozone therapy in horses with chronic laminitis.

Patients and methods: Six horses with chronic laminitis were treated with two ozonetherapy techniques. All horses were 4/5 or 5/5 grade lameness [1], showed severe pain in the fore limbs and were no able to move.

1 Spanish and 2 Quarter horses were treated with hyperperfusion technique via cephalic vein injecting 60 mL of distilled water previously ozonized with 85 mcgr/mL of the oxygen-ozone mixture.

1 Thoroughbred, 1 Appaloosa and 1 Quarter horses were treated with the hyperperfusion technique via the cephalic vein and with major autohemotherapy [2,3] extracting 250 mL of blood in a transfusion bag and ozonizing it with 250 mL of the ozone-oxygen mixture with concentration of 23-25 mcgr/mL.

4 horses were treated weekly for 4 sessions (1 Spanish, 2 Quarter and 1 Thoroughbred). Those patients improved between 90 and 95%. The grade of lameness were between 1/5 and 2/5 after treatment.

2 horses (1 Quarter and 1 Appaloosa) were treated once, they did not improved as they were not evaluated nor treated with the established protocol.

Discussion: Compared to conventional treatments [3], ozonetherapy yielded better results in time and quality of recovery.

Conclusion: Ozonetherapy is the best choice we have developed for chronic laminitis in horses.

References:

