

4CYTE™ EPIITALIS® FORTE

EQUINE MEDICAL
CENTER OF OCALA



A full-service equine referral hospital in Ocala, FL for horses requiring emergency surgery or specialized medical and surgical care

CLINICAL TRIAL

Equine Medical Centre Ocala (Unpublished)

OBJECTIVE:

To establish the clinical efficacy of dose rates in Epiitalis in a GEL oral application and its ability to reduce arthritis symptoms.

SAMPLE GROUP:

10 Horses – 5 horses in both Group 1 and Group 2

PROTOCOL:

- Horses selected were showing signs of arthritis/joint inflammation. Horses were assessed in good health and not on NSAID's or other joint medications/supplements.
- Randomly allocated horses to Group 1 or Group 2:
 - Group 1: Receive 8g from day 1-14 then 4g from day 15-42
 - Group 2: Receive 8g from day 1-28 then 4g from day 29-42
- Administration of Epiitalis® GEL was once daily direct into the mouth. Note: Can be mixed with feed/supplement.
- Cases were assessed at each time point by the same Veterinarian.



ASSESSMENT:

The following measures were utilised at pre-treatment, after 2 weeks, 4 weeks and 6 weeks:

- Veterinary Lameness Score (0 -4) adapted from AAEP
- Joint Circumference Measurement
- Handler Mobility Score (completed by handlers)
- Heat and Swelling

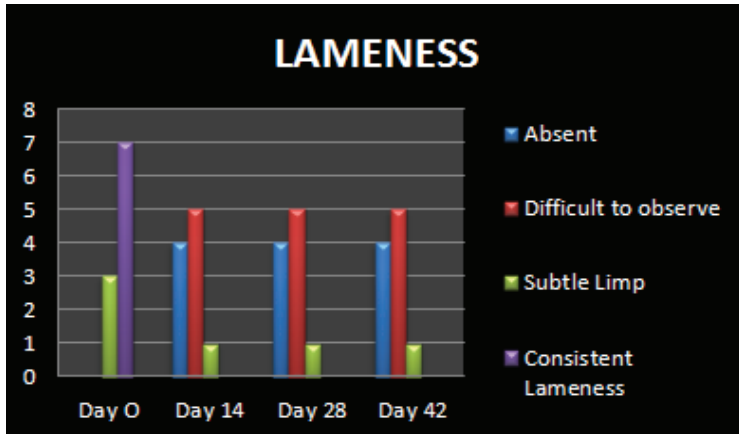
TESTIMONIAL: - Dr Frederick W. Benker, DVM

I have used the Epiitalis gel on 10 different horses and found amazing results with 9 of the 10 horses in the trial showing huge improvement. These 9 horses all had some sort of Osteo Arthritis, most were retired or limping around the pasture. Within one week of treatment the levels of improvement were hugely significant in all 9 of the horses. The 10th horse has some adhesions in the digital tendon sheath of his right rear and showed only very slight improvement in movement. When we lowered the dose to 4grams the same good results continued. Pretty amazing response!!

All horses readily accepted the paste orally. The most exciting element of the trial was that while using the Gel, 3 of the retirees went back to work as rope or barrel horses.



RESULTS:

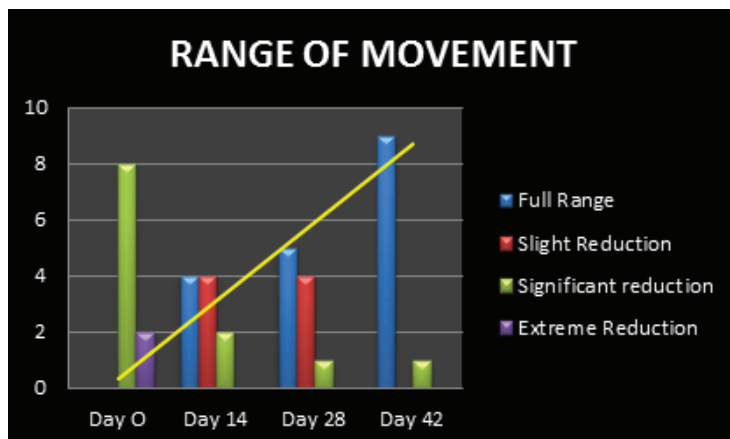
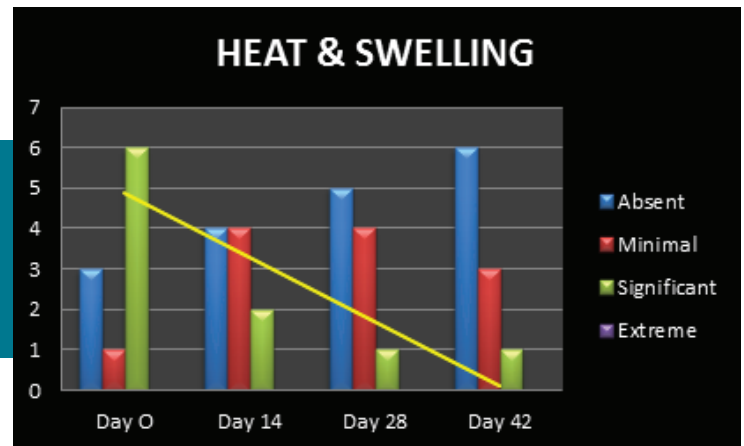


Lameness

- 7 of the 10 horses had a Consistent lameness at Day 0.
- 8 of the 10 horses at Day 14, 8 of the 10 horses had an Absent or Difficult to Observe Lameness.
- Only 1 horse had a subtle limp after 42 days.

Heat & Swelling

- 6 of the 10 horses had Significant Heat and Swelling at Day 0.
- 8 of the 10 horses were only showing Nominal to Absent levels after 14 days.



Range of Movement

- 8 of 10 horses had a Significant Reduction in Range of Movement/Mobility at Day 0.
- At Day 14, only 8 horses were showing Full Range or a Slight Reduction in Range of Movement/Mobility.
- At Day 42, 9 of the 10 horses had Full Range of Movement Mobility.

CONCLUSIONS:

Findings were generally consistent across both groups which reinforced the efficacy in having a Loading Dose (8 grams) for the first 14 days and being able to reduce to a Maintenance Dose (4 grams). However it was raised by Dr Benker that in a severe case their maybe a need for a slightly increased daily dose of between 4 – 8 grams (case dependent). In the trial there was 1 horse that did not benefit or improve throughout the 42 day trial, it is felt this horse has adhesions in his digital sheath.

Joint Circumference measurement; 10 horses in the trial did not have significant joint effusion and therefore no results can be actively drawn from this measurement.

Some of the Veterinary comments made on individual cases at the conclusion of the Clinical Trial:

- Much sounder, no longer requiring other NSAID medication to trail ride
- Went from retirement back to being able to compete in Barrel racing
- Terrific results working better than IA treatment protocol
- Miracle for this horse – running, bucking, playing like a foal for the first time in several years
- Helped this horse significantly.