

HY-50[®] Vet



No more lame excuses
HY-50 Vet is the sound choice

High dose Sodium Hyaluronate in a small volume



THE PROBLEM / NEED

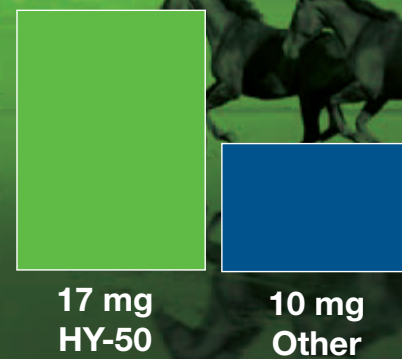
Lameness caused by joint dysfunction associated with non-infectious synovitis.

HY-50 Vet Sodium Hyaluronate for Intra-Articular or Intravenous injection

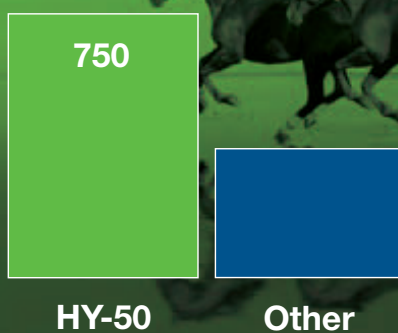
WHAT IS Hyaluronic Acid?

- ▲ A naturally occurring biopolymer found in all animal connective tissue
- ▲ Enhance viscosity of synovial fluid
- ▲ A major component of synovial fluid
- ▲ An essential constituent of articular cartilage (Plays an important role as bath and lubricant the joint)

HY-50 Vet contains more HA
than any other product



HY-50 Vet is high in
molecular weight



Effects of Intra-Articular injection of HA

- ▲ Physical and pharmacological activity
- ▲ Enhances viscoelasticity of synovial fluid
- ▲ Activates the tissue repair process in joint cartilage
- ▲ Anti-inflammatory
- ▲ Analgesic
- ▲ Anti-oxidant

PURE

HY-50 Vet is manufactured by fermentation for a very high purity and is free of pyrogens.

HY-50 Vet is licensed for intra-articular and intravenous use



How to use

Intra-venous:

- One syringe once a week for three consecutive weeks.

Intra-articular:

- Medium and large joints 3ml – one syringe.
- Small joints (e.g intertarsal) 1.5ml – half a syringe.

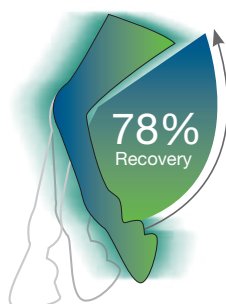
When intra-articular medication is deemed inappropriate or where there is more than one affected joint, HY-50 Vet may be used intravenously. The dose regime is 1 syringe of HY-50 Vet given 3 times at weekly intervals

A study carried out at Oklahoma State University was reported at BEVA Congress 2001.

Efficacy of Intravenously Administered HY-50 Vet in Experimentally Induced Lameness Model

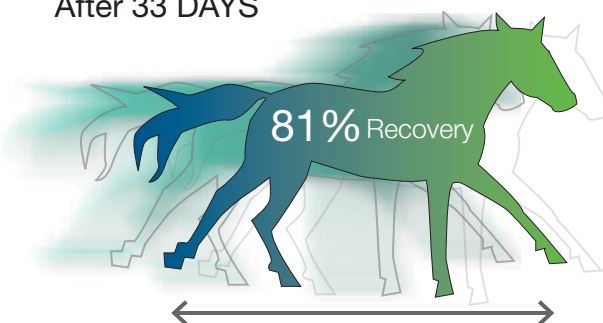
Carpal Flexion

After 33 DAYS



Stride Length

After 33 DAYS



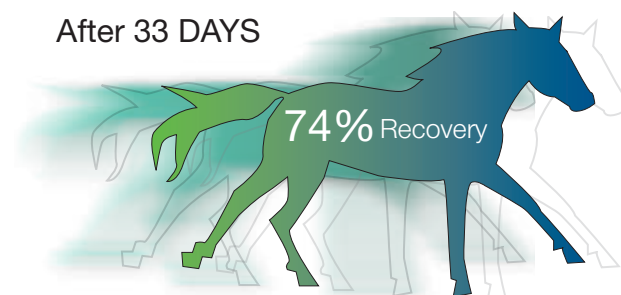
Joint Circumference

After 33 DAYS



Lameness Score

After 33 DAYS



Proceedings BEVA Congress 2001 – Page 203

Comparison of the intravenous efficacy of two commercial preparations of sodium hyaluronate in the CFA Equine Carpalis model

White G.W., Jordan S.M., Stites D., Jones E.W., Hamm J. and Aviad A. Oklahoma USA

The efficacy of the intravenous route of 2 commercial preparations of sodium hyaluronate was compared in an investigator-blinded study using an equine carpalis model induced by the intra-articular injection of complete Freund's adjuvant (CFA). This model has been used successfully to establish the efficacy and optimal dose of many of the drugs currently used to treat equine synovitis and DJD. Twenty-four sound, healthy Quarter Horse type horses, age 2-10 years and weighing 400-500 kg, participated in the study. The model was induced in the left radiocarpal joint of each horse on Day 1. On Day 5, horses were stratified by degree of model-induced deficits in lameness score, stride length, carpal flexion and carpal joint circumference (the primary outcome measures or POM) and allocated randomly into 2 groups of 12 horses. Group 1 received 50mg i.v. of HY-50 (Bexco Pharma Inc) on Days 5, 12 and 19. Group 2 received 40 mg i.v. of competitor HA with an IV license on the same days. Percent recovery of the model-induced deficit was calculated for each subsequent day the POM were recorded (Days 12, 19, 26 and 33). Substantial improvement in 3 out of 4 POM was evident after the first dose, but maximum response did not occur until Days 26 or 33 for each POM. Day 33 percent recoveries were lameness score, 74 and 66%; carpal flexion, 78 and 65%; stride length, 81 and 87% for HY-50 and competitor HA with an IV license, respectively. Joint circumference recovered to only 16% (HY-50) and 19% (competitor HA with an IV license) of premodel values. There were no significant differences between the groups ($P > 0.05$, repeated measures univariate analysis of variance) for any POM. It was concluded that when administered by the i.v. route, 40 mg of a competitor HA with an IV license and 50 mg HY-50 were equally effective in the CFA model of carpal synovitis.

HY-50[®] COMPETITOR OVERVIEW

COMPARATIVE POINT	HY-50 [®]	Product 1	Product 2	Product 3
CONTAIN HA	17mg/1ml	10mg/1ml	10mg/1ml	10mg/1ml
TOTAL IN DOSE	51mg per dose	40ml per dose	40-60mg per dose	40mg per dose
DURATION DOSAGE	3 week Result after 33 days	5 week	6 week	3 week
ADMINISTRATION	Intravenous Intra articular	Intravenous Intra articular	Intravenous only	Intravenous Intra articular
PURITY	High purity	-	-	-
HIGH MOLECULE	750 times more than other	-	-	-



CORTAFLEX® HA SUPER FENN

SUPER STRENGTH

Providing powerful joint support for performance, racing and competition horses, or older horses with significant levels of wear and tear. Contains a unique combination of collagen, amino acid, hyaluronic acid and trace elements, delivering the important nutritional building blocks to support joint health. Also contains Boswellia and MSM to support a normal inflammatory response, promoting joint and muscle comfort in hard-working horses.

Sizes: Solution: 1L (2 months supply)

Powder: 500g (2 months supply), 1 kg (4 months supply)

VIEW VIDEO



BUTELESS® SUPER STRENGTH POWDER

XXXTREME COMPETITION FORMULA FOR JOINT AND MUSCLE

SUPPORT YOUR HORSE'S HEALTH – A blend of natural, plant-based ingredients to help maintain joint and muscle comfort and support mobility in high-performance horses and ponies.

NATURAL INGREDIENTS – A rapid-action botanical blend of boswellia, MSM, yucca and turmeric that helps maintain a healthy inflammatory response. It supports joints, aids in muscle function and supports collagen structures and muscle recovery.

ESSENTIAL FOR JOINT HEALTH – Rich in antioxidants Vitamin C, Vitamin E and MSM. These essential antioxidants play a leading role in a horse's defence systems to protect joints and muscles from the damaging effects of free radicals.

FEEDING GUIDE – A 1.5kg tub should last an average horse 30 days when fed as part of a balanced diet. Generally, for a 500kg horse, feed 50g per day. Do not exceed 100g per day. 50g (approx) measure enclosed.

Sizes: 1.5kg (30 day supply)

VIEW VIDEO



DATASHEET



the veterinary group

DELIVERING EXCELLENCE



The Veterinary Group LLC (TVG)
Management office
Detroit House, Office 410,
Motor City, Dubai
United Arab Emirates

Phone: +971 6 539 5443
WhatsApp: +971 6 539 5443
Email: sales@thevet.group

www.thevet.group

