

HylaMotion™

Natural Equine Joint Lubricant

- Contains 100 mg hyaluronic acid (HA) per serving
- Use as an alternative or in conjunction with intravenous or intra-articular HA
- Feed daily to help maintain healthy joints or to relieve negative side effects of acute or chronic joint conditions
- Use along with glucosamine and/or chondroitin for an additional joint support
- Easy-to-feed alfalfa-based powder

HylaMotion - The Next Generation of Joint Supplements Over the years we at Vita Flex have introduced you to the newest and most effective joint supplements available: chondroitin sulfate and glucosamine. In keeping with our tradition, we are now proud to bring you the latest in body lubricant technology, HylaMotion. HylaMotion delivers 100 mg of premium hyaluronic acid (HA) salts per serving, blended in a palatable alfalfa grain base. Try it and you'll see - HylaMotion may be the most effective equine joint supplement available.

Hyaluronic Acid (HA) - The Ultimate in Joint Lubricants HA is one of the most abundant glycosaminoglycans (GAGs) in the mammalian body¹, and is a major component of skin, cartilage and synovial fluid², the shock absorbing fluid in the joints. Osteoarthritis (OA) causes a change in the HA content in the synovial fluid, which can lead to degradation of the cartilage³, causing great pain and discomfort to your horse. We asked ourselves, "If HA is the most abundant GAG, and its integrity is imperative for normal joint function, can we supplement with HA to help with the wear and tear of competition, aging and training?" We did the research and found that HA can be supplemented with positive results⁴ in cases of OA. From this research we bring you HylaMotion, the ultimate in joint lubricants.

Hyaluronic Acid Works and the Research Proves it Between 1990 and today, hundreds of clinical studies have been published on the positive effects of supplemental HA. Research has shown that supplemental HA has positive effects on any number of conditions, from periodontal disease⁵ to skin disease⁶. More importantly, study after study has shown HA to have positive effects on OA, from decreased pain to reduced inflammation^{7,8,9}. Research has proven HA to be a valuable tool in fighting the negative side effects that come with competition, aging and training¹⁰.

HylaMotion - Your Choice For Oral HA HylaMotion, by Vita Flex, is derived from natural sources and carries a molecular weight of 1.3 - 1.8 Mda. This is a very important factor when considering an HA supplement. Research has shown that the higher weight HA preparations tend to be more effective¹¹. When you purchase HylaMotion you can be sure your horse is getting premium, high molecular weight HA.

Recommended Feeding Enclosed scoop holds 1/2 ounce. Feed 1/2 ounce daily, or as directed by your veterinarian. Keep cool and dry. Reseal after each use.

References:

- ¹ Hegguler S, et al. The Efficacy of Intra-Articular Sodium Hyaluronate in Patients With Reducing Displaced Disc of the Tempomandibular Joint. J. Oral Rehab. 29: 80-86; 2002.
- ² Hegguler (2002)
- ³ Bunyaratavej N, et al. Treatment of Painful Osteoarthritis of the Knee With Hyaluronic Acid: Results of a Multicenter Asian Study. J. Med. Assoc. Thai. 84 (Suppl 2): S576-S581; 2001.
- ⁴ *Ibid.*
- ⁵ Mesa F.L, et al. Antiproliferative Effect of Topic Hyaluronic Acid Gel. Study in Gingival Biopsies of Patients With Periodontal Disease. Histol. Histopathol. 17: 747-753; 2002.
- ⁶ Wolf J.E, et al. Topical 3.0% Diclofenac in 2.5% Hyaluronan Gel in the Treatment of actinic Keratosis. Int. J. Dermatol. 40: 709-713; 2001.
- ⁷ Bunyaratavej (2001)
- ⁸ Tamir E, et al. Intra-articular Hyaluronan Injections for the Treatment of Osteoarthritis of the Knee: A Randomized Double Blind, placebo Controlled Study. Clin. Exper. Rheum. 19: 265-270; 2001.
- ⁹ Brandt K, et al. Efficacy and Safety of Intra-articular Sodium Hyaluronate in Knee Osteoarthritis. Clin. Orth. And Related. Res. 385: 130-143; 2001.
- ¹⁰ Pierce, Scott. Efficacy of Orally Administered Sodium Hyaluronate in the Racing Thoroughbred. Rood & Riddle Equine Hospital. 2002.
- ¹¹ Mesa (2002)