

Real Results

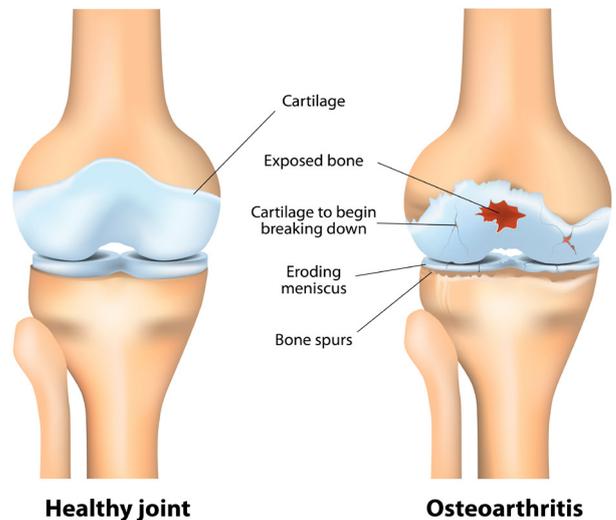
For the complete horse

Equine Arthritis in Horses DJD (Degenerative Joint Disease)

Spontaneous joint disease is a common clinical problem in the horse. Surveys estimate that up to **60% of lameness** is related to **OA** (Osteoarthritis), otherwise known as degenerative joint disease, is the most common cause of lameness in horses. The condition is normally characterized as a slowly developing chronic disease of the joint in which the joint surface (cartilage) wears down, resulting in pain and subsequent lameness.

Arthritis cannot be reversed, but in many cases it can be managed. With respect to pain, inflammation and anti-oxidant status DJD is often an inevitable change as a horse grows older, and often is the reason for a horse to be retired from riding.

Equine Osteoarthritis



Healthy joint

Osteoarthritis

Lameness - Causes

These changes in the metabolic balance in the joint lead to the following changes in the pathology of the arthritic joint.

- **Decreased Synovial fluid quality (viscosity), Cartilage failure, Vascular engorgement (an Immune response)**
- **Increased inflammation (synovitis) / Immune response. Cell necrosis, cartilage and bone remodelling, cartilage and bone necrosis**
- **Weight – Overweight Horses are more prone to OA**
- **Stress Activity - Levels of high stress or abnormal activity for long periods of time, such as the training and competition of athletic activities can initiate the OA process**
- **Joint injuries and trauma – injuries to the joint incite the OA process and encourage the 'arthritis cycle'.**

JointPro is an effective nutritional supplement that supports antioxidant status of the synovial fluid as well as the growth and maintenance of cartilage to ensure healthy and normal joint function. The health and function of cartilage within the joints benefits from specific nutrients at high levels.

This clinically proven formula that has exceptional levels of antioxidants, Omega 3 essential fatty acids, plus one of the most powerful antioxidants available, SOD, which is classified as a "Primary". These natural ingredients have been well researched for their ability to assist in reducing inflammation, maintaining GAG's (Glycosaminoglycans) and PG's (Proteoglycans), and assisting in reducing cartilage breakdown which causes discomfort caused as a breakdown in the synovial membrane.

Research Study:

Effects of a Novel Dietary Supplement on Indices of Muscle Injury and Articular GAG Release in Horses

[www.j-evs.com/article/S0737-0806\(16\)30288-X/pdf](http://www.j-evs.com/article/S0737-0806(16)30288-X/pdf)

Ingredients:

Golden Flaxseed- ALA (beneficial fatty acid)
Proprietary yeast source of nucleotides, peptides and amino acids
Synozyme – Proprietary plant based enzymes
Saccharomyces cerevisiae
Omega-3 fatty acids, EPA+ DHA (from fish oil)
Freeze Dried Melon rich in SOD and Catalase
Ganoderma lucidum

Approved in Canada as a Veterinary Health Product NN.H5E0

ALL Ingredients are GRAS approved for use in animal supplements in the EU and USA

