

# ***TENDON REPAIR PRO***

Tendon Repair Pro is a unique and innovative nutraceutical for horses that contains high levels of healing substances, each having its own primary function for tendon and ligament related indications.

This concept focuses specifically on strengthening and increasing the flexibility of tendons and ligaments. Through extensive trials and regular follow-ups (echography and lameness tests), Tendon Repair Pro has significantly reduced the recovery times of tendon and ligament injuries, by stimulating the natural production of insulin-like growth factor-1 (IGF-1), a protein made by horses in response to injury.

At present, we know that collagen is common to, and abundant in, tendons and bones, and provides both tissues with strength which comes from cross-links between the fibrils that compromise the rope-like structure of collagen. Tendon Repair Pro promotes the stimulation of collagen formation. Due to the addition of Collagen Type I, local scar tissue (Collagen Type III) formation is reduced to a minimum.

## ***Why is Tendon Repair Pro unique?***

The synergistic effect of the active ingredients performing their primary functions is what makes Tendon Repair Pro unique for horses suffering from tendon or ligament injuries or degenerative changes with age and use through following functions:

- The collagen synthesis and bone metabolism are improved and accelerated.
- The exclusive enzyme compound contributes its beneficial properties to manage inflammatory processes.
- The IGF-1 production is stimulated which is critical to healthy development and repair of various tissues.
- Proteins are made available to provide amino acid building blocks.
- The availability of precursors assures an improved migration through the capillary walls due to a low molecular weight and hence an optimal perfusion to the pathological zone.
- Various components have anti-inflammatory, mild analgesic and blood-thinning properties.

**Tendon Repair Pro is safe to use and has no known side-effects.**

## INDICATIONS

- I. *Inhibits degenerative processes and promotes flexibility and mobility, ...*
- II. *Tendonitis (superficial digital flexor and deep digital flexor tendonitis)*
- III. *Hydrops*
- IV. *Strain lesions, elongation traumas*
- V. *Tenovaginitis*
- VI. *Laceration trauma*
- VII. *Ruptures*
- VIII. *Tendon Pulls*
- IX. *Loose Tendons*
- X. *Overstretching*
- XI. *Flexural and angular limb deformities (preventive and post-op)*
- XII. *Post-operative recuperation*
- XIII. *Tendon and ligament injuries*
- XIV. *Tenosynovitis*
- XV. *Suspensory branch desmitis*
- XVI. *Suspensory origin desmitis*
- XVII. *High suspensory disease*

## WORKING MECHANISM

- A. Aids in the repair of damaged tendons and ligaments
- B. Stimulation of the production of insulin-like growth factor-I (IGF-1)
- C. Improvement of the vascularisation to injured and/or affected areas
- D. Promotion of connective tissue formation and collagen hydroxylation
- E. Decrease of degradative enzymes
- F. Enhancement of tendon and ligament and protein renewal processes
- G. Promotion of immune cell development
- H. Anti-inflammatory effect by inhibiting the inflammatory and stimulating the anti-inflammatory prostaglandin production.
- I. Mild analgesic effect
- J. Increase of tendon and ligament strength
- K. Stimulation of suspensory ligament regeneration

## CONTRA INDICATIONS AND/OR SECONDARY EFFECTS

No side effect is known, either local or systematic; the product is neither allergising nor teratogenous at long term. For safety reasons, the product is not recommended for horses suffering from sulphurating or troubles of blood coagulation.

## POSSIBLE COMBINATIONS

Tendon Repair Pro can be combined with other conventional treatments and is recommended in combination with anti-inflammatory agents and/or corticoids because of its immediate therapeutic effect.