



 Orthokine[®]vet
irap

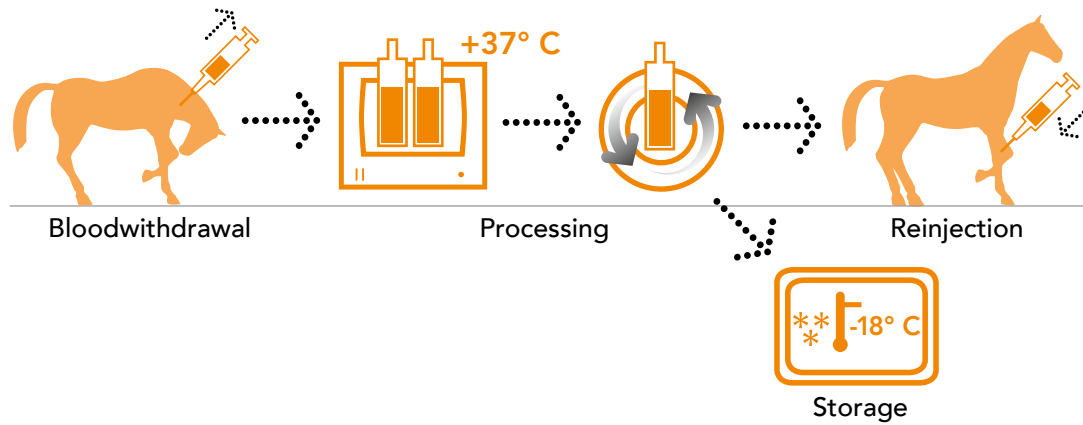


Orthokine[®]vet-ACS*
Better than conventional joint therapies



*** Autologous Conditioned Serum**

The Orthokine[®]vet-therapy



Orthokine[®]vet (60 mL) irap

High serum yield

Average 26 mL ACS from 60 mL whole blood

Easy processing

Harvesting of ACS through additional port

Closed system

Bloodwithdrawal and processing in only one module

Orthokine[®]vet (10 mL) irap

Low investment costs

Centrifugation in 10 mL tabletop centrifuges

Quick availability

ACS processing in one day (6-9 h incubation)

Closed System

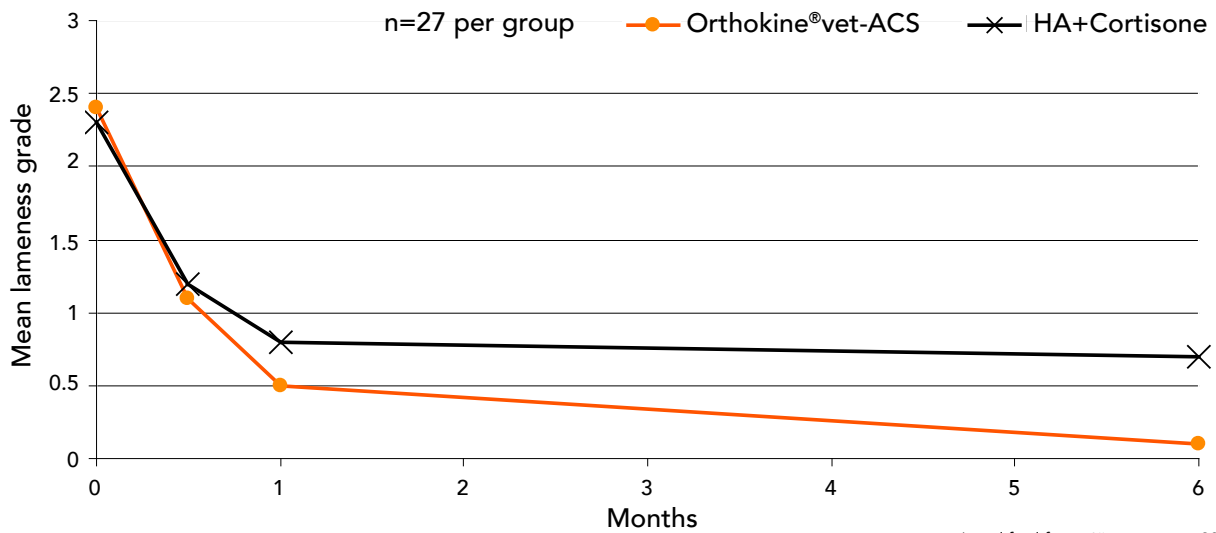
Bloodwithdrawal and processing in only one module



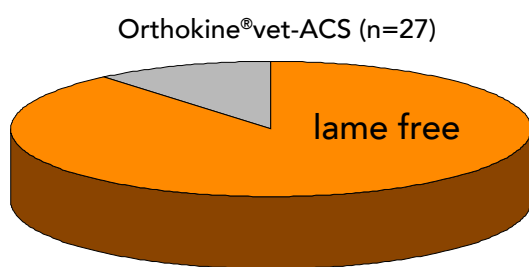
Studies prove a significant superiority of Orthokine®vet-ACS towards conventional medication of osteoarthritis of the horse.**



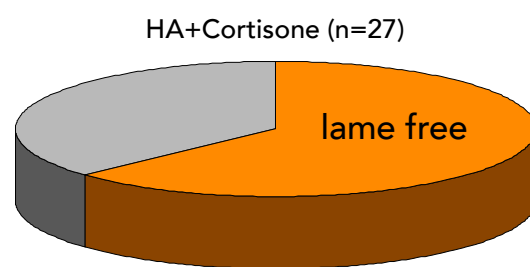
Coffin joint therapie with Orthokine®vet-ACS vs HA + Cortisone



6 months post therapy



89% of patients lame free in the Orthokine®vet-ACS-group



63% of patients lame free in the HA+Cortisone-group

(modified from Jöstingmeier 2008)

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Jöstingmeier U, Vergleichende Betrachtung der intraartikulären kombinierten Behandlung mit Natriumhyaluronat und Betamethason mit der intraartikulären Behandlung mit autologem konditionierten Serum (IL-1 Ra) bei Pferden mit positiver Hufgelenksanästhesie, FU Berlin Dissertation, 2008

Österdahl J, Evaluation of autologous conditioned serum, University Uppsala Degree project 2008:67

Frisbie D, Kawcak C, Werpy N, et al, Clinical, biomechanical and histologic effects of intra-articular administration of autologous conditioned serum in horses with experimentally induced osteoarthritis, Am J Vet Res 2007:68; 290-296



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The Orthokine®vet-therapy At a glance

Indications

- Osteoarthritis
- Synovitis
- Tendinopathies
- Kissing spines

Characteristics

- Long lasting and effective therapy
- Use of body's own defence mechanism
- Biological principles
- Easy processing

Patient's / Owner's benefits

- Pain relief
- Better regeneration
- Excellent tolerance
- Better performance

