



Waterlane
EQUINE VETS

FACTSHEETS

Lipogems® Equine



WHAT IS LIPOGEMS?

The Lipogems® system is a sterile single-use medical device intended for the closed-loop processing and transferring of autologous adipose tissue in a single surgical step. Lipogems® is a non-expanded and micro-fragmented adipose tissue graft that is injected into damaged areas of the body in order to provide a cushion and structural support while promoting a healing environment. The Lipogems® process preserves the natural healing properties of adipose tissue by maintaining the fat's vascular stromal niches. The micro-fragmentation of the tissue is key to the treatment process as it triggers the body's own damage response mechanism.

IN LAYMAN'S TERMS

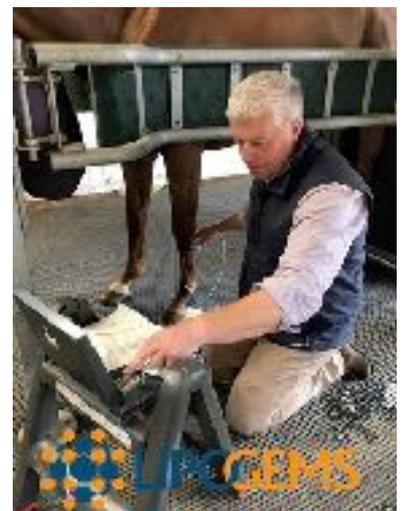
Adipose tissue (tissue harvested from fat) is obtained using a vacuum syringe from around the horse's hindquarters, after the region has been anaesthetised by local infiltration with sterile saline and lidocaine. The tissue is transferred to the Lipogems® device and washed in saline and gently agitated so that the all-important Pericytes detach from small vessels and activate. These cells with the stromal vascular structure of adipose tissue are injected into the injury site and act as a local scaffold to maintain regenerative activity for many months.

WHERE DID LIPOGEMS COME FROM?

Lipogems has been directly translated from human medical technology to the veterinary world:

- No lab culturing
- No cell isolations
- Lipogems is a complete tissue structure graft

There are no other comparative treatments that trigger the body's own damage response mechanism in a single step non-enzymatic, no-centrifuge procedure that is completed on-site, under an hour either in surgery for small animals or under standing sedation for equines. The procedure also promotes healing as early as 10 days post-treatment.





Waterlane
EQUINE VETS

FACTSHEETS

INJURIES AND CONDITIONS THAT CAN BE CONSIDERED FOR TREATMENT

- Tendon injuries with core lesions
- Desmitis (inflammation of a ligament)
- Chronic desmitis (chronic inflammation of a ligament)
- Soft tissue injuries to the stifle joint
- Synovitis (inflammation of a synovial membrane)
- Early osteoarthritis (degenerative joint disease)
- Deep lacerations and non-healing wounds
- Impinging dorsal spinous processes



CASE STUDIES & TESTIMONIALS

Please visit the Lipogems Equine website for numerous case studies and testimonials showing the efficacy of using Lipogems for injuries including suspensory ligament desmitis, superficial digital flexor tendon injuries, deep laceration to hock, fetlock osteoarthritis and soft tissue stifle injury.



<http://www.lipogemsequine.com/testimonials-and-case-studies.html>

FOURWAYS FARM, WATERLANE, OAKRIDGE, STROUD, GL6 7PH

OFFICE: 01452 770268 ON-CALL: 07796 338979

EMAIL: WATERLANEEQUINE@GMAIL.COM WEB: WWW.WATERLANEEQUINEVETS.CO.UK