



VetCell

In Association with Pall Corporation

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## NEW SUMMER OFFERS FROM VETCELL

In Association with Pall Corporation, manufacturers of **E-PET (Equine Platelet Enhancement Therapy)**, VetCell is pleased to offer a new introductory offer. Twenty first-time customers will receive one **FREE E-PET** kit\* as part of a new research initiative.

\*Terms and conditions apply

**E-PET** is a filter-based technology to provide equine veterinary surgeons with a quick and easy way of obtaining autologous platelet rich concentrate in the field or the clinic.

VetCell are also offering a new **20% SUMMER DISCOUNT** (offer ends 31.8.2011) for **existing customers** when ordering **5 or more E-PET kits at one time**.

For more information visit [www.vetcell.com/e-pet-2](http://www.vetcell.com/e-pet-2)

## SAFE AND EFFECTIVE TREATMENT WITH PROMISING POTENTIAL FOR OSTEOARTHRITIS

A recent publication by Lisa Fortier (2011) concluded that the application of growth factors, via platelet rich plasma, in the treatment of cartilage injury and osteoarthritis offers promising therapeutic potential. Meanwhile, Filardo et al (2011) concluded that treatment with PRP is safe and effective at significantly reducing pain, improving knee function and quality of life of human patients with degenerative articular pathology.

The concept of using E-PET for treatment of osteoarthritis in horses is based on the

physiological role of platelets in wound healing. Fortier (2011) states that through modulation of the inflammatory response, promotion of local angiogenesis and recruitment of fibroblasts and local stem cells, [platelets and their products are instrumental in normal tissue repair](#). When introduced into an area of damage, platelet products facilitate neochondrogenesis (Fortier, 2011). In vitro studies have also indicated that chondrocytes and MSC's exposed to PRP have increased cell proliferation and cartilage extra-cellular matrix synthesis (Kon et al 2010).

There is also evidence to suggest that PRP could serve as an endogenous source of [chondroprotection and joint lubrication](#). Synoviocytes cultured in PRP demonstrated increased hyaluronic acid production and secretion (Anitua et al, 2007)

For further enquiries or to arrange delivery of your free sample please contact our Marketing and Research Assistant, Carly Briggs on 01865 922227 or via email at [c.briggs@vetcell.com](mailto:c.briggs@vetcell.com)