



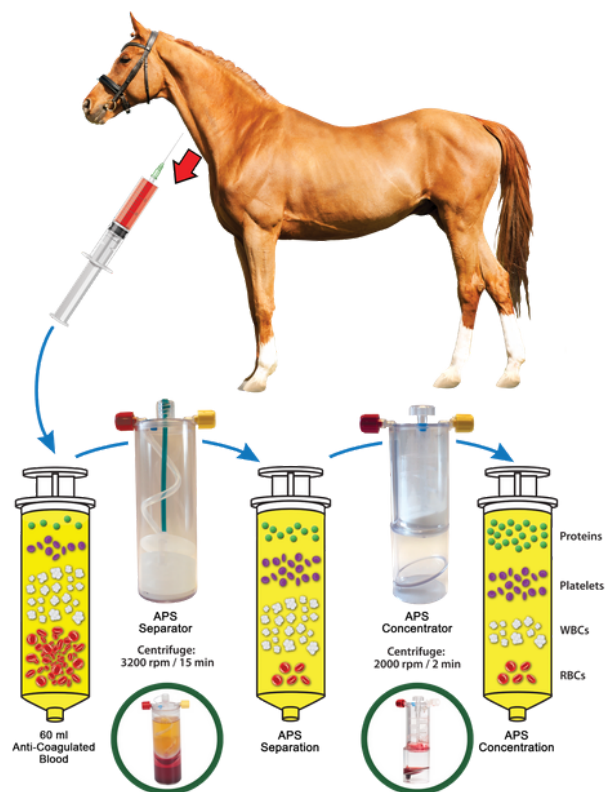
All-Natural Option for Horses Experiencing Joint Lameness



WHAT IS PRO-STRIDE?

Pro-Stride APS is an innovative device in which the output produces a concentrated solution of cells, platelets, growth factors, and anti-inflammatory proteins (including IL-1ra and other anabolic proteins).¹

Using the patient's own blood, the Pro-Stride APS device separates and concentrates (in under 20 minutes of processing), allowing for administering of the output in a single visit.²



BENEFITS

- All-natural (from horse's own blood)
- Convenient (no incubation, < 20 minute processing, ambulatory)
- Clinically demonstrated effectiveness²⁻⁵



OWL MANOR®

THE PRO-STRIDE DIFFERENCE

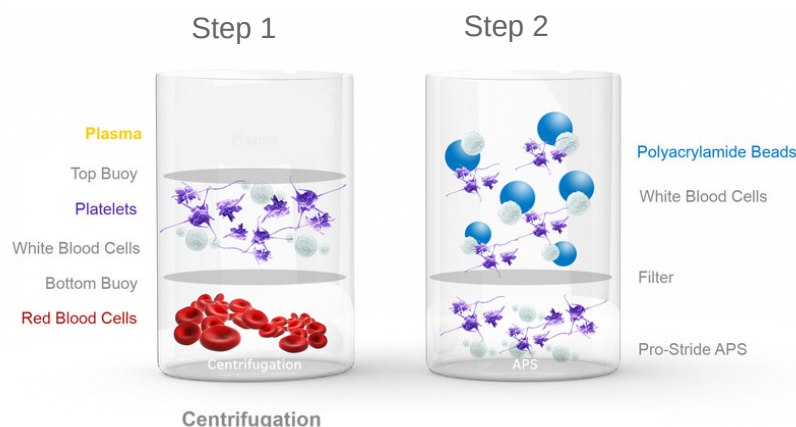
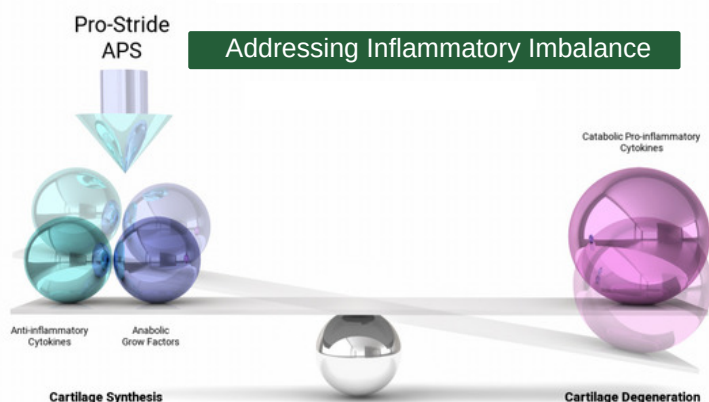
The Pro-Stride APS device processes the horses own blood at the point-of-care by first isolating platelets and white blood cells in a small volume of plasma then further concentrating these components with desiccating beads.⁶



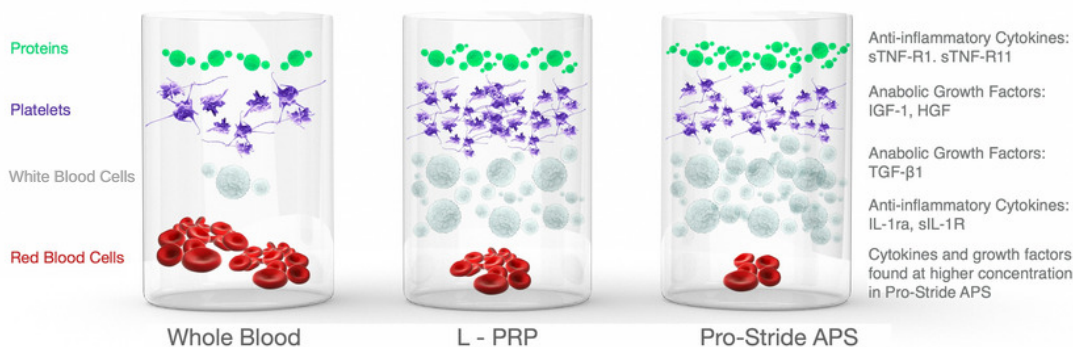
There are several naturally occurring inhibitors (anti-inflammatory proteins) of the pro-inflammatory cytokines IL-1 and TNF-alpha. These include IRAP / IL-1ra, sIL-1R, and sTNF-R. All of these are highly concentrated within Pro-Stride APS.

- Pro-Stride APS's output is neither PRP nor an autologous conditioned serum (ACS)
- Pro-Stride's output does not require an incubation period
- Pro-Stride's output is never frozen

Pro-Stride APS Processing



Relative Proportion of Cells and Proteins in Blood, L-PRP and Pro-Stride APS



LEARN MORE

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Owl Manor Products are intended for the direct sale to and use by licensed/practicing veterinarians.

Doc: M-315-P-Eq

References

1. O'Shaughnessy et al. Autologous protein solution prepared from the blood of osteoarthritic patients contains an enhanced profile of anti-inflammatory cytokines and anabolic growth factors. JOR 2014, 32, 1349-1355.
2. Bertone et al., Evaluation of a single intra-articular injection of autologous protein solution for treatment of osteoarthritis in horses. AJVR 2014, 75 (2), 141-151.
3. O'Shaughnessy et al., Blood-derived anti-inflammatory protein solution blocks the effect of IL-1β on human macrophages in vitro. Inflammation Research 2011, 60 (10), 929.
4. Woodell-May et al., Autologous protein solution inhibits MMP-13 production by IL-1β and TNFα-stimulated human articular chondrocytes. JOR 2011, 29 (9), 1320-1326.
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6. King, W.; Woodell-May, J., Comparison of the cellular and cytokine concentrations in the output of the autologous protein solution, orthokine, and onocommed 2 device systems. Osteoarthritis and Cartilage 2014, 22, S484.