

Why Pro-Stride? Natural, Drug-Free Treatment for Joint Pain and Arthritis

by Dr. Sallie Hyman, VMD, DACVIM, CVA

Total Equine Veterinary Associates is excited to introduce the latest in regenerative medicine treatment called **Pro-Stride**. It is an **Autologous Protein Solution (APS)** and the most advanced treatment available on the farm in a single visit. It is a centrifuged solution of your own horses' blood that provides all the important healing factors which are immediately administered in a super concentrated joint injection. It is a very portable system, and allows our veterinarians to provide advanced treatment for arthritis on your farm in one visit.

Studies have demonstrated pain relief for up to one year with just one treatment. This natural, steroid-free treatment avoids any unwanted side-effects associated with traditional steroid joint injections. There is no drug withholding times for competitors at the FEI and USEF levels. It is also safe for use in young horses; and Cushings, Laminitis/Founder and Insulin Resistant (IR) horses.

Pro-Stride is **much different and better** than the previously popular Autologous Conditioned Serum (ACS). Pro-Stride is the newest anti-inflammatory/IRAP regenerative medicine product used to treat joint inflammation and arthritis. IRAP (Interleukin 1 Receptor Antagonist Protein) is a natural anti-inflammatory protein released by white blood cells (leukocytes) at the site of injury to combat the badly degrading IL-1 protein. IRAP protein is collected from your horse's blood by processing the white cells using a proprietary centrifuge method. IRAP counteracts inflammation by blocking the inflammatory protein interleukin-1 (IL-1) within joints. If unblocked, IL-1 leads to pain and damage. **Pro-Stride** is superior to other IRAP systems that require 3-5 treatments at one week intervals.

TEVA now provides Platelet Rich Plasma (PRP) for treatment of tendon and ligament injuries.

When platelets become activated, growth factors are released which play a significant role in the natural healing, repair and regeneration. *ACT-PRP* delivers a high level of platelets capable of recruiting and proliferating cells necessary for faster and more complete healing. In one short, simple spin, the *ACT-PRP* System can efficiently capture a majority of the horse's collected platelets.

Pro-Stride Injection will reduce pain associated with arthritis and deliver naturally occurring anti-inflammatory proteins. *Pro-Stride* Injection is capable of slowing cartilage degradation and improving mobility.

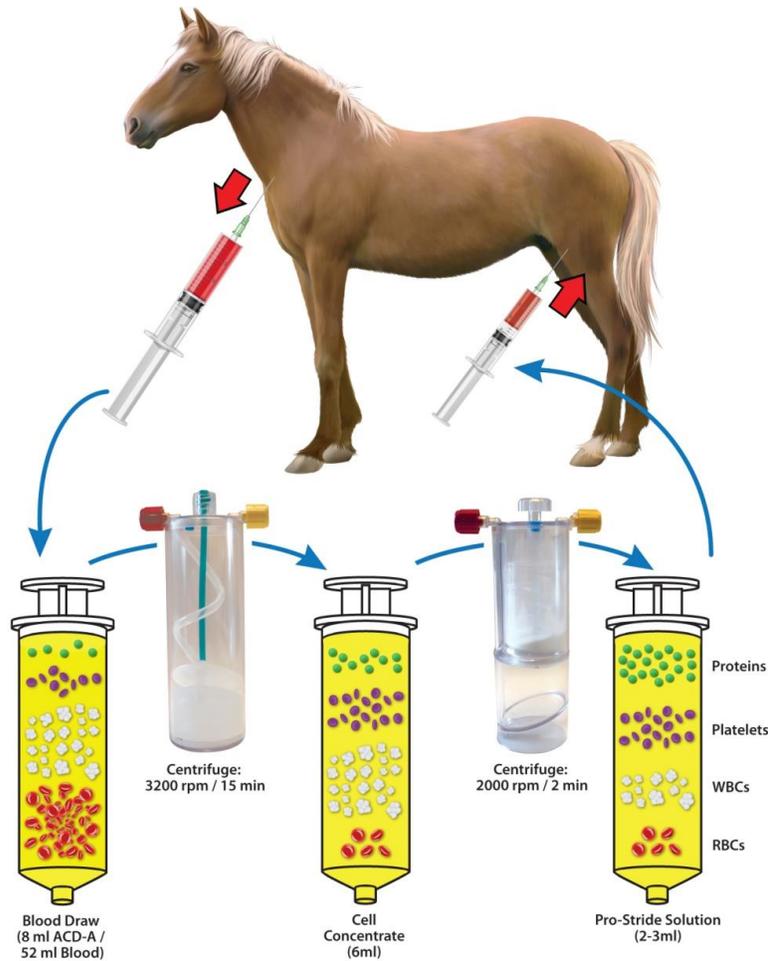
The entire process from blood collection to treatment injection takes less than one hour and is completed on the farm. The price ranges from \$450-\$800 depending on the number of joints to be treated. Contact TEVA (703) 505-2320 to schedule an appointment to use Pro-Stride or to learn more.

Benefits of using Pro-Stride:

- Pain relief for up to one year (A. Bertone (Ohio State Univ.) in Amer. Journal of Vet. Research, 2014)
- Concentrated solution of anti-inflammatory proteins including IRAP
- <20 minute blood processing, one-time visit, single injection
- Natural, holistic, drug-free therapy
- Slows cartilage degradation
- Treats lameness, joint swelling and tendon inflammation

- Eliminates risks associated with steroid therapies
- Safe for use in young, Laminitis/Founder, Cushings, and IR horses
- Improves mobility

Pro-Stride Injection™



Pro-Stride Solution contains cells, platelets, growth factors and anti-inflammatory proteins (IL-1ra)