Safe, easy and effective.
The only closed system for processing Autologous Conditioned Serum (ACS)

The Original – The Proven
Autologous treatment of joints, tendons and the back

For Technical Support or information, contact:
Dechra Veterinary Products at: 866-933-2472 or www.dechra-us.com
Joint disease is known to be a major obstacle for animals and their owners. Osteoarthritis is frequently diagnosed and can be a lengthy and expensive disease to treat.

Experimental and clinical studies show that injection of ACS, obtained with the patented Orthokine vet irap 10-ACS system, is a highly potent and safe treatment for osteoarthritis, tendinitis, lumbar stenosis and herniated disc, as well as muscle trauma.1, 2

Orthokine vet irap 10 is a new system for use in small animals, as well as for single dose injections in horses. Orthokine vet irap 10 can be centrifuged in conventional tabletop centrifuges without a special rotor.

Reasons to use the original, proven irap product:

- The only clinically proven ACS system
- The only closed and therefore safe ACS system
- Uncomplicated handling (no decanting of whole blood)
- Reliable final product (stable cytokine levels)
- Medical grade glass beads without coating; No danger of contamination with foreign substances

References

Veterinarians successfully utilize irap therapy for:

- Chronic joint disease, often when Hyaluronic Acid and/or corticosteroids do not show satisfactory results
- Post-surgical treatment after joint surgery
- Acute joint inflammation combined with synovial effusion
- Tendon lesions (acute/chronic)
- Injection of facet joints
- Infiltration of the back
- Prophylactic injections in off season or before performance

Processing of Autologous Conditioned Serum (ACS) with the Orthokine vet irap 10

1. - Aseptically prepare venipuncture site.
- Puncture vein and then attach vacutainer adapter (included) to Orthokine vet irap 10 syringe by pushing it in and twisting slightly to the right.
- Draw blood into the Orthokine vet irap 10 syringe until plunger locks into place and syringe is full. Plunger stem can now be broken off and discarded.
- Use one Orthokine vet irap 10 syringe to collect up to 2-4 mL ACS.

2. - Label each syringe with collection date and patient information.
- Incubate at 98.6°F (37°C) for 6-9 hours.

3. - Fill balance syringe (included) with water.
- Always load rotor symmetrically.
- Centrifuge the Orthokine vet irap 10 syringe for 20 min between 3000-3300 RPM.

4. - Disinfect working surface.
- Disinfect port of syringe prior to collection of serum.

5. - Aseptically inject 3-4 mL air.
- Aspirate ACS with 5 mL syringe using needle included in package
- Caution: Avoid aspiration of erythrocytes!
- Seal 5 mL syringes with sterile caps (included).

6. - Filter ACS through included 0.2 micron filter and inject immediately or seal with sterile cap and freeze at -18°C (0°F) or colder.
- Thaw ACS at room temperature before injecting if previously frozen.
- Shelf life: 7 months post processing.