



# MediVet ACS is Helping Horses Overcome Inflammation to Be Their Best

**Lisa Thomas knows she has a remarkable partner in her horse Rhythm. She's competed the Oldenburg gelding in the amateur-owner hunters, through training level eventing, and in hunter trials and paperchases in addition to hunting with Mr. Stewart's Cheshire Foxhounds.**

"He's an amazing horse, but he has not been without maintenance issues," Thomas said. As a 4-year-old, Rhythm was diagnosed with kissing spines, a condition where the dorsal spinal processes of the horse's vertebra rub against each other, but he improved after a year of treatment. "He's always been arthritic and has known arthritis in his neck, which makes dressage a challenge and jumping the really big fences not so realistic at his age," Thomas said. Rhythm, now 17, also recovered from a strained front suspensory three years ago.

But Thomas, from Unionville, Pennsylvania, enjoys her time in the saddle aboard Rhythm so much, and he's such a willing partner, that she makes it a priority to ensure that he's as comfortable as possible. "I still want a couple more productive years out of him!" she said. "His most chronic issue is right hind, which then transfers to his left front and makes for a hard left lead canter. It's very uncomfortable for me as I have ruptured discs in my own back."

ABOVE: LISA THOMAS OF UNIONVILLE, PA, HAS BEEN ABLE TO CONTINUE TO ENJOY HER 17-YEAR-OLD OLDENBURG GELDING, RHYTHM, THANKS TO MEDIVET ACS AND ITS ABILITY TO COMBAT RHYTHM'S ARTHRITIS. PHOTO © ALEC THAYER.

RIGHT: MARTHA REDMAN, OF REDMAN SHOW HORSES, HAS USED MEDIVET ACS TO SUCCESSFULLY TREAT INFLAMMATORY AIRWAY DISEASE IN HER YOUNG JUMPER, KILIMANJARO VAN'T HEIKE. PHOTO COURTESY MARTHA REDMAN.



Thomas' veterinarian, Dr. Celia Goodall, suggested that, in addition to Rhythm's routine joint maintenance, they try MediVet Autologous Conditioned Serum (ACS), a regenerative therapy option that can be administered intravenously to help reduce inflammation and promote healing in multiple areas of a horse's body. Thomas has been impressed with the results.

"Since beginning on the ACS, I have noticed remarkable results with his overall well-being," she said. "He feels much sounder, and his left lead canter has improved by 50 percent. I can comfortably sit the canter for longer periods of time since using the ACS. Most of the time before I would have to get in two-point due to my back. I've also noticed that his wind has really improved. We have huge hills here in Unionville, and his ability to push from behind and his wind after galloping a hill is so much better."

### **What Makes MediVet ACS Different?**

Thomas' observations about the effects ACS has had on Rhythm's whole body are in line with how MediVet ACS works to reduce and block inflammation in the horse.

Other regenerative therapies, like Platelet-Rich Plasma (PRP) and Interleukin-1 Receptor Antagonist Protein (IRAP®), also give veterinarians a drug-free way to treat injuries and conditions previously only treatable with traditional drugs. However, MediVet ACS is the only regenerative therapy option that can be administered intravenously to treat the whole horse, rather than just targeting specific tendons or joints through intra-articular injections.

ACS uses the horse's own anti-inflammatory proteins, found within the blood, to counteract the destructive effects of six different inflammatory cytokines, as well as inducing four powerful anti-inflammatory cytokines to block the progression of inflammation.



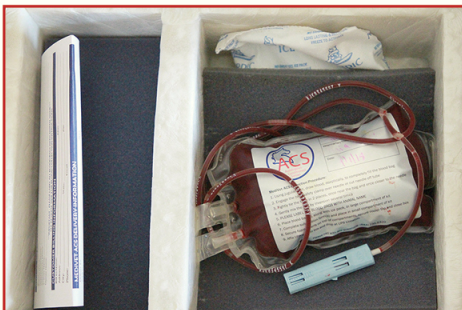
Blood is collected from the horse, then sent to the MediVet laboratory where a patented photo-biostimulation technology applies low-level light of specific wavelengths that induces the release of anti-inflammatory cytokines, inhibits the release of pro-inflammatory cytokines, and upregulates growth factors cells in the blood samples. Within 72 hours of the initial collection, the blood is processed and 50 doses of MediVet ACS are received by the veterinarian.

MediVet ACS is the only regenerative therapy option of its kind to induce four powerful anti-inflammatory cytokines and upregulate specific growth factors. This means that MediVet ACS is doing more to block and terminate inflammation, and enhance healing, than any other regenerative therapy, making it one of the safest and most powerful available.

“It’s the IRAP® 2.0 if you will,” said Dr. Bryan Dubynsky of Palm Beach Equine Clinic. “You start to see improvement in 48 hours, and I have seen the level of that improvement significantly higher with ACS over traditional IRAP®.”

Not only is the anti-inflammatory capability enhanced in MediVet ACS, but the therapy is also able to be administered intravenously, intra-articularly, or through a nebulizer.

The option for IV administration means that MediVet ACS, in addition to helping the horse’s joints, counters the various inflammations that occur throughout the horse’s body, by traveling through the horse’s circulatory system to pinpoint where the horse may need it most. Because of this, MediVet ACS has successfully treated various conditions including arthritis, synovitis, and inflammatory airway disease.



UNLIKE OTHER REGENERATIVE THERAPY OPTIONS, EACH DOSE OF MEDIVET ACS IS ABLE TO BE ADMINISTERED INTRAVENOUSLY, ALLOWING IT TO AID IN WHOLE HORSE HEALTH AND WELLNESS. PHOTO BY JUMP MEDIA

ONE COLLECTION OF BLOOD YIELDS 40-50 DOSES OF MEDIVET ACS, ALLOWING FOR ONGOING TREATMENT AND INFLAMMATION MANAGEMENT. PHOTOS © JUMP MEDIA.

## Being Proactive

Dr. Kristian Rhein began using ACS on racehorses five years ago. “I’ve used it on hundreds and hundreds of horses, and I’ve had excellent results,” said Rhein. “[You might have a] horse that has small problems—nothing you can put your finger on. In my old days I would say, ‘Well, back off, let’s give him a little bit of Bute, and we’ll see what happens.’”

Now, Rhein starts those horses on a schedule of ACS treatment. “What I started seeing was horses were recovering much quicker—after works and after races,” he said. “Any elite level athlete, you’re going to have some form of micro-injury. What I really like about the ACS is I feel like it’s staying ahead of those micro-injuries before they become macro injuries.”

But it’s not just injuries that ACS can help. It can help reduce the inflammation caused by inflammatory airway disease or allergies because of its whole-horse effect. Hunter/jumper professional Martha Redman took advantage of ACS

to help a talented young horse in her string that was struggling with inflammatory airway disease.

“He’s a quicker healer with MediVet ACS,” said Redman. “Not only is he managing his breathing better, but also I’ve noticed that his recovery after exercise has really improved. His stamina is better. He is really physically thriving.”

“I look at MediVet ACS as the gold standard in regenerative therapies because of the powerful anti-inflammatory effects combined with the presence of regenerating growth factors,” concluded Rhein. “It’s allowing these horses to not let inflammation dictate the way that they’re going to perform.”

Talk to your veterinarian about what MediVet ACS might be able to do for your horse and visit [www.medivetequine.com](http://www.medivetequine.com) to learn more..

■ BY MOLLY SORGE/JUMP MEDIA