



Saving Dogs With Stem Cell Therapy Advancement

Veterinarians nationwide are getting certified

SAN DIEGO, Calif. – May 19, 2008 – A medical advancement in stem cells is saving dogs' lives across the U.S. Building on its success with equine veterinarians healing horses using fat stem cell therapy, [Vet-Stem](#) is making the application available to small animal veterinarians for the treatment of arthritis, tendon and ligament injuries in canines.

For the first time, veterinarians are using stem cells to treat dogs, with promising results. Currently, more than [584 small animal veterinarians](#) are certified and starting to use the therapy on canine patients. Once veterinarians complete the credentialing course, they can use Vet-Stem's fat stem cell therapy to treat arthritis, fractures, and tendon and ligament injuries in dogs.

"We've seen stem cell therapy help dogs whose pain was previously so severe that they struggled to stand, jump into cars, chase balls or run up and down stairs," says Dr. Robert Harman, founder of San Diego-based Vet-Stem. "Fat stem cell therapy avoids the ethical concerns surrounding embryonic stem cell research, because our process uses the animal's own fat to isolate adult stem cells."

Stem cell therapy stimulates healthy cells to grow within the injured area, spurring regeneration. The cells aren't foreign to the body, engineered or modified in any way.

Vet-Stem, the nation's only company offering veterinarians fat-derived stem cell therapy, isolates stem and regenerative cells from the animal's own fat for therapeutic injection into injured tissue. The cells are isolated and returned to the authorized veterinarian for treatment on the injured animal within 48 hours.

Equine veterinarians have successfully treated more than 2,500 tendon, ligament joint injuries using Vet-Stem's fat stem cell therapy for horses. The therapy has shown a return to prior performance levels at rates of 77 percent, 76 percent and 57 percent, in tendon, ligament, and joint injuries, respectively. Many horses, such as [2006 U.S. Open polo champion Rio](#), have overcome potentially career-ending injuries to return to competition at their prior level of performance.

Vet-Stem's first blinded, controlled multi-center osteoarthritis study was recently published in [Veterinary Therapeutics](#). Clinical trials studying the use of stem cell therapy for arthritis in dog elbows and knees are concluding, with successful results to be published later this year.

Vet-Stem is currently conducting studies for the use of fat stem cell therapy for internal medicine conditions for canines and equines.



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About Vet-Stem, Inc.

Vet-Stem, Inc. was formed in 2002 to bring regenerative medicine to the veterinary profession. In January of 2004, Vet-Stem introduced the first veterinary stem cell service in the United States. The privately held company is working to develop therapies in veterinary medicine that apply regenerative technologies while utilizing the natural healing properties inherent in all animals.

For more information log on to www.vet-stem.com or call 888-387-8361. Media should contact Jamie Hampton and Lauren Clapperton, Bailey Gardiner, at 619-295-8232 x106 or x119.