

VetStem Cell Therapy Improves Quality of Life in Labrador Retriever with Elbow Arthritis

Cooper, a Labrador retriever, was successfully treated with VetStem Cell Therapy for elbow dysplasia and arthritis.

POWAY, CA, USA, June 18, 2024 /EINPresswire.com/ -- Cooper, a Labrador retriever, was diagnosed with bilateral elbow dysplasia as a puppy. Elbow dysplasia is an inherited condition in which the three bones that come together to make up the elbow joint do not fit perfectly together. Due to the joint abnormality, elbow dysplasia eventually leads to osteoarthritis, which can greatly affect a dog's quality of life.

Cooper's condition was managed for several years on medications and supplements. But when he was 8 years old, he began to limp badly. His veterinarian diagnosed him with severe osteoarthritis in his elbows and recommended treatment with [VetStem Cell Therapy](#). Stem cells can help to reduce inflammation in the joint, reduce pain, and regenerate damaged joint tissues. Additionally, in a [peer-reviewed study](#) of dogs with chronic osteoarthritis of the elbow, it was found that treatment with stem cells reduced lameness and improved range of motion.

“

Stem cell therapy brought my happy boy back.”

Cooper's Owner

To begin the VetStem process, Cooper's veterinarian collected fat tissue from his abdomen in a minimally invasive anesthetic procedure. The fat was aseptically packaged and shipped to the VetStem processing laboratory in Poway, California. Lab technicians processed the fat to extract and concentrate the stem and

regenerative cells contained therein. The cells were divided into doses, and two injectable doses were shipped to Cooper's vet for treatment. Approximately 48 hours after the initial fat collection procedure, Cooper was injected with one dose of his own stem cells in each elbow.



Cooper

According to Cooper's owner, he stopped limping about one week after treatment with stem cells. After approximately one month, Cooper was able to discontinue his nonsteroidal anti-inflammatory medication (NSAIDs). His owner stated, "He seems happy and thriving. We slowly increased our walks again and happy to report he can walk 3-4 miles a day without any consequence. He also loves going back to hiking. Stem cell therapy brought my happy boy back. Thank you."

In addition to the two stem cell doses that were shipped for immediate treatment, several doses of Cooper's stem cells were put into cryopreservation. This is particularly valuable for a patient like Cooper who will never have perfect, arthritis-free elbows. Cooper's additional cells will remain in cryopreservation and can be accessed for treatment as needed for the remainder of his life. Learn more at www.VetStem.com.

[About VetStem, Inc.](#)

VetStem is a veterinarian-led Company that was formed in 2002 to bring regenerative medicine to the profession. This privately held biopharmaceutical enterprise, based near San Diego, California, currently offers veterinarians an autologous stem cell processing service (from patients' own fat tissue) among other regenerative modalities. With a unique expertise acquired over the past 15 years and thousands of treatments by veterinarians for joint, tendon and ligament issues, VetStem has made regenerative medicine applications a therapeutic reality. The VetStem team is focused on developing new clinically practical and affordable veterinary solutions that leverage the natural restorative abilities present in all living creatures. In addition to its own portfolio of patents, VetStem holds exclusive global veterinary licenses to a large portfolio of issued patents in the field of regenerative medicine.

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