Accomplished Agility Dog Bounces Back from a Cruciate Ligament Injury after Treatment with VetStem Cell Therapy

Charm, an accomplished agility dalmatian, continued competing after treatment with VetStem Cell Therapy for two injured cruciate ligaments.


Charm

POWAY, CALIFORNIA, US, June 15, 2021 /EINPresswire.com/ -- Charm is a nine-year-old dalmatian and accomplished agility champion. Though she has always had a strong will to perform, Charm has had a few setbacks along the way. In 2016, Charm partially tore her cruciate ligament in her left knee. After consulting with her veterinarian and doing some independent research, Charm's owner elected to have Charm treated with platelet rich plasma (PRP) and VetStem Cell Therapy.

To begin the process, fat tissue was collected from Charm's inguinal area during a minimally invasive anesthetic procedure. Once collected, the fat was aseptically packaged and shipped to the VetStem laboratory in Poway, California. VetStem lab technicians processed the fat to extract and concentrate the stem and regenerative cells contained therein. One stem cell injection was shipped to her veterinarian for treatment. Approximately 48 hours after the initial fat collection procedure, Charm received one dose of her own stem cells and PRP into her injured knee.

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>
> *Charm's Mom*

According to her owner, Charm recovered well and returned to agility five months later. Unfortunately, this then four-year-old active dog, continued to show signs of intermittent lameness and stiffness. Though her X-rays showed no arthritis, further testing revealed that

Charm had Lyme disease. This helped to explain her lameness as a few of the common symptoms of Lyme disease in dogs are painful or swollen joints and lameness that comes and goes. Though there is limited data regarding stem cell therapy for Lyme disease, Charm's owner elected to have her retreated with stem cells in an attempt to manage her symptoms.

Charm received a second round of stem cell injections approximately one year after her initial treatment. This time, she received one dose into her left knee and one intravenous dose in conjunction with PRP. She was also treated with homeopathic remedies, hydrotherapy, and strength training. According to her owner, Charm bounced back and returned to master level agility trials. Her owner stated, "She feels great, her quantitative Lyme levels are subclinical, and she is running, jumping and playing like a puppy again." She later went on to win Agility Champion of Canada Awards, a 5th place at Agility Association Canada Nationals plus a Distance Log from the Dalmatian Club of Canada. Charm received a third round of stem cell injections, both in her left knee and intravenously, approximately two years later.

Fast forward another few years and Charm, being the active athlete that she is, injured the cruciate ligament in her right knee. Fortunately, she still had multiple stem cell doses cryopreserved. So, in January of this year, Charm received a stem cell injection into her right knee. Once again, her owner noticed marked improvement. She stated, "This now nine-year-old girl is feeling wonderful just 5 weeks after her stem cell injection and no signs of any arthritic pain!"

Unfortunately, cruciate ligament rupture is one of the most common reasons for hind limb lameness, pain, and subsequent knee arthritis in dogs. Additionally, according to the American College of Veterinary Surgeons, 40-60% of dogs who injure one cruciate ligament will go on to injure the other cruciate ligament in the future. While there are multiple treatment options available, both surgical and non-surgical, treatment with stem cells may accelerate and improve healing within the joint. Stem cells are regenerative cells that can differentiate into many tissue types, reduce pain and inflammation, help to restore range of motion, and stimulate regeneration of tendon, ligament, and joint tissues. According to surveys answered by owners and veterinarians, greater than 80% of dogs showed an improved quality of life after receiving VetStem Cell Therapy for orthopedic conditions.

About VetStem Biopharma, Inc.

VetStem Biopharma 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.

Kristi Hauta
VetStem Biopharma
+1 858-748-2004
email us here
