

# Dog with Three Legs Receives VetStem Cell Therapy for Arthritis and Cruciate Ligament Injury

*Jackson, a tripod lab mix, was successfully treated for arthritis and a ligament injury with VetStem Cell Therapy by Dr. Nick Vitale of Heritage Animal Hospital*

POWAY, CALIFORNIA, US, March 16, 2021 /EINPresswire.com/ -- At just four months old, just before he was adopted from a local animal shelter, Jackson had his right rear leg amputated. When he was approximately two and a half years old, he injured his remaining rear leg while playing and was diagnosed with a partial cruciate ligament tear in his left knee. According to his mom, Jackson could barely walk after his injury. She had to help him by using a lift harness.



Jackson

In addition to the knee injury, Jackson suffers from severe osteoarthritis. His left hip and both of his elbows are affected. Unfortunately, osteoarthritis is common in tripod dogs because their remaining limbs endure added weight and stress to make up for the missing leg. Fortunately, Jackson's veterinarian, Dr. Nick Vitale of [Heritage Animal Hospital](#), recommended treatment with [VetStem Cell Therapy](#).

“

After the therapy, he is completely back to full functioning!”

*Jackson's Mom*

To begin the process, fat tissue was collected from Jackson's abdomen 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 Jackson's stem and regenerative cells. The cells were divided into doses for

treatment and five stem cell doses were shipped to Dr. Vitale. Jackson received an injection of his own stem cells into each affected joint as well as an intravenous injection approximately 48 hours after the initial fat collection. The rest of Jackson's stem cell doses were put into cryo-storage.

According to Jackson's mom, he had a great response to the stem cell therapy. She stated, "After the therapy, he is completely back to full functioning!" It is approaching three years since Jackson's initial stem cell treatment and he has not required a retreatment. Fortunately, he still has multiple stem cell doses stored, should he need them in the future.

Stem cells are regenerative cells that can differentiate into many tissue types. Stem cells have demonstrated the ability to reduce pain and inflammation, help to restore range of motion, and stimulate regeneration of tendon, ligament, and joint tissues. In a [peer-reviewed study](#) of dogs with chronic osteoarthritis of the hip, it was found that stem cells reduced pain and lameness.

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

[email us here](#)

+1 858-748-2004

---

This press release can be viewed online at: <https://www.einpresswire.com/article/536937142>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2021 IPD Group, Inc. All Right Reserved.