



VetStem Cell Therapy ***Canine Back Pain***

“Canine Back Pain” is a broad term that encompasses pain felt in any location along a dog’s back. Because the back is such a complex structure, this pain can result from a variety of causes which may be difficult and costly to diagnose. Spinal structures, nerves, and the surrounding soft tissues may all be involved as sources of canine back pain, but the exact location may be hard to pinpoint.



VetStem Regenerative Cell Therapy

may be a treatment option for your dog with back pain.

In recent years, cell therapy has emerged as a treatment option for human lower back pain. Stem cells may reduce inflammation and modulate pain, thereby leading to increased comfort. While the results of the human trials appear promising, using stem cells to treat canine back pain is still in the early stages.

In an effort to collect more data, VetStem is conducting a clinical research program to study the effects of VetStem Cell Therapy on dogs with back pain. Could your dog benefit from stem cells?

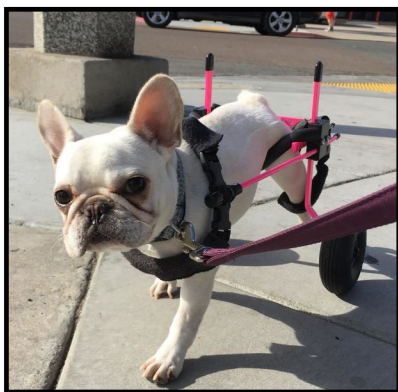
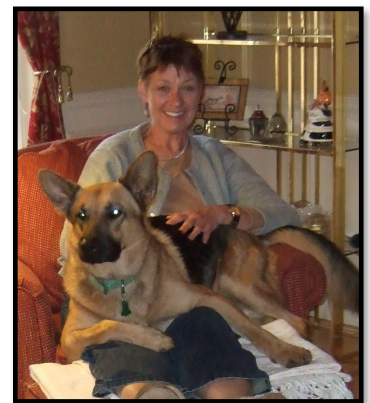
Speak to your veterinarian to determine if your dog is eligible!



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**Sam and JoJo, were successfully treated for back pain
with VetStem Regenerative Cell Therapy**

When Sam was around seven years old, he began experiencing problems with his mobility. X-Rays confirmed he had arthritis in both shoulders, both hips and in his lower, or lumbosacral, spine. For the arthritis in his spine, Sam received stem cell injections in the muscle along his spinal column. Approximately two weeks later, Sam received a follow-up epidural injection in addition to an intravenous injection. Sam's owner reported that within three months, his joints were at 100% range of motion and his activity level improved. He continues to receive acupuncture, laser therapy, and supplements which his owner believes keeps him feeling his best. She stated, "Some days he runs like a crazy man and wants to play with his dog friends at the park." In his older age, Sam is not as active as he was as a puppy, but his owner stated, "Every day I thank VetStem for their procedure which has changed Sam's life. I recommend it to every pet owner who has mobility issues."



Lady Josephine Beatrix Von Snugglebottom (aka JoJo) was suffering from severe spondylosis and spinal cord compression. She was approximately 6 months old at the time and had been unable to use her back legs for about one month. JoJo underwent surgery to relieve the pressure on her spine and aid in preventing further damage. She also received daily laser therapy and weekly acupuncture treatments. There was noticeable improvement in the strength in her legs, and she was able to hold herself up unassisted approximately two months after surgery. Soon after, JoJo received VetStem Regenerative Cell Therapy. She received an intravenous injection of her own stem cells followed by a second intravenous injection approximately one month later. Shortly after stem cell therapy, she was able to run without her wheelchair and hasn't stopped since!