
HEALING YOUR DOG'S ARTHRITIS

The Stem Cell Therapy Guide

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Introduction

If you're reading this you probably have a dog with arthritis or a related condition and are looking for solutions to help your dog.

You're in the right place.

This guide is produced by Stem Cell Vet. Stem Cell Vet is a pioneering veterinary clinic in the United Kingdom, dedicated to transforming the lives of dogs who suffer from arthritis related conditions using regenerative treatments such as stem cell therapy.

Arthritis care for dogs has advanced a lot in recent years and excellent treatments are now available. In some ways the treatments for canine arthritis are better than those available for humans!

Stem cell therapy for dogs has been commercially available since 2004. Thousands of dogs have been successfully treated around the world. However, the technology has only more recently come to the UK.

Regenerative treatments for dogs are considered breakthrough treatments because they utilise the body's own healing properties to treat the source of the problem, not just the symptoms.

Get ready to learn what every dog owner with a dog with an arthritis related condition needs to know about how to help their dog.



These life-changing therapies represent a great leap forward in the treatment of arthritis and related conditions in dogs and we're very excited to be at the forefront of this new technology.

I hope you get a lot out of this guide because it's been created for dog owners just like you who want to learn about the gold standard of treatment that is available to help your dog.

On the following pages we'll reveal the latest advances in arthritis care for dogs and how you can access these life changing treatments for your dog.

Best wishes,

Dr Stewart Halperin BVMS MRCVS

Head Veterinarian & Founder of Stem Cell Vet



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www.stemcellvet.co.uk



0808 196 7781



"We're really glad to be able to offer this stem cell clinic, treating dogs for arthritis who otherwise wouldn't have access to these cutting edge techniques."



~ Dr Stewart Halperin, Stem Cell Vet

Sound up! Watch the video and hear Dr Halperin share the unusual reason why he decided to move from being a general vet to instead focus on regenerative therapy.



Arthritis in dogs



What is arthritis?

Arthritis, or osteoarthritis, is a very common disease affecting 1 in 5 adult dogs. It is more common in older medium-to-large breed dogs but dogs of any age, size and breed can be affected by this painful degenerative disease.



How does arthritis work in a dog?

Arthritis in a dog is caused when the cartilage within the joints becomes worn away and the synovial fluid which lubricates the joints becomes thin and inflamed which creates friction and pain when your dog moves. The joints may also become swollen which adds to the discomfort.

Some more detail...

All of the joints in the body depend on a layer of cartilage which acts as a shock-absorber inside the joint and also provides a smooth surface so the adjoining bones can move freely over each other. This is also assisted by the lubrication provided by synovial fluid in the joints.

In arthritis, the smooth cartilage covering of the bones inside the joints deteriorates and wears thin, sometimes allowing the bones themselves to rub together. The synovial fluid becomes thin and watery, losing some of its lubricating properties. These changes together create friction and pain inside the joint.

All these issues are caused by the cumulative effects of abnormal stresses placed on the joints. Arthritis can occur with abnormal alignment of bones that make up the joint, with trauma, aging and continual wear/tear on the joint structures.

Arthritis can affect one or more joints and any joint can be affected, but the most common joints that are affected in dogs are the hips, knees, shoulders and elbows.

What causes arthritis in dogs?

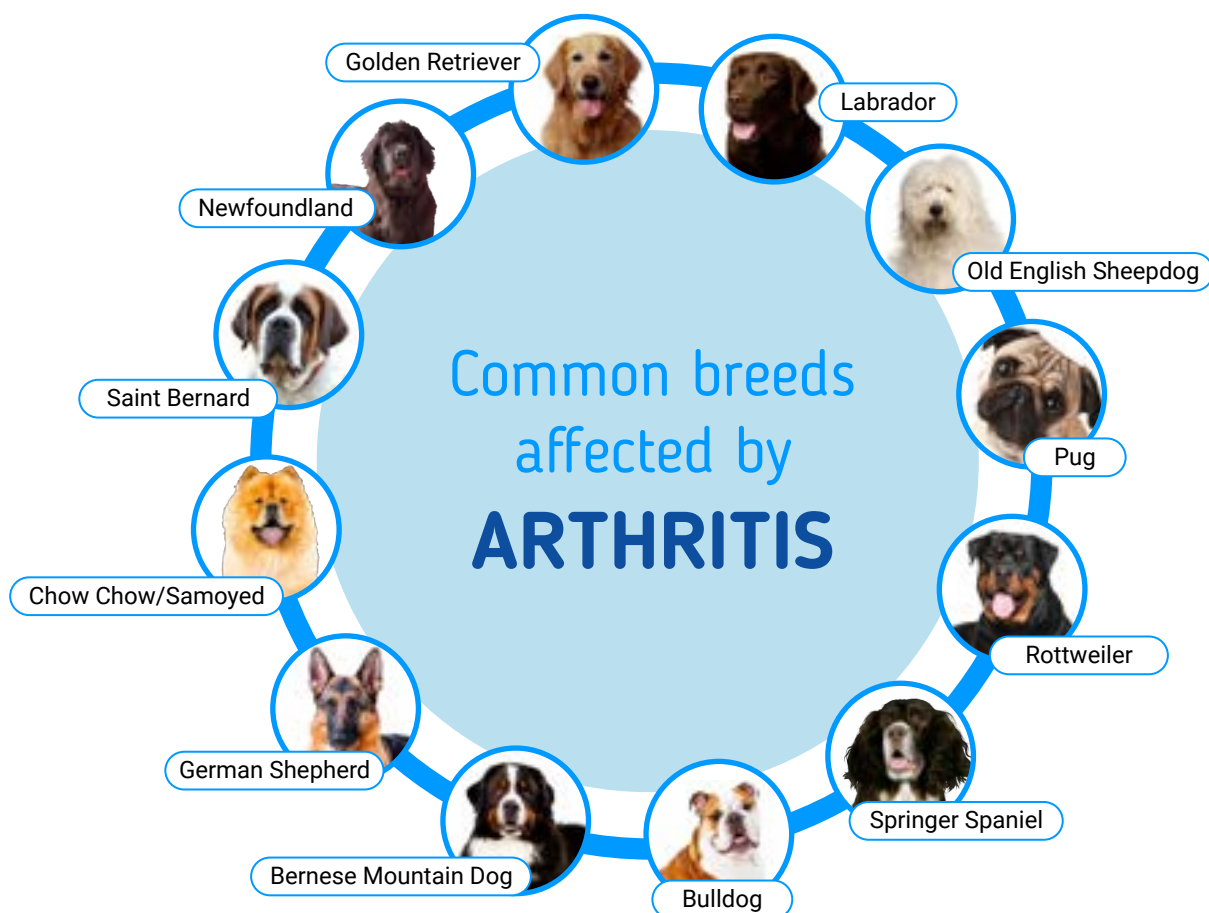
The cause can be hereditary or breed related (as in hip and elbow dysplasia) or related to injury or wear and tear.

Dogs that are overweight will often get arthritis at an earlier age and more severely, as the joints are carrying a greater load than that they are designed for. In addition, fat has what is called a pro-inflammatory effect, increasing inflammation inside the joints.

Arthritis at its worst and especially if left untreated, can cause chronic pain, difficulty moving and a decline in your dog's quality of life. As the disease develops slowly, it is often assumed that it's just old age and that nothing can be done. Fortunately, this is not true and [there are a variety of treatments available](#).

How can stem cell therapy help a dog with arthritis?

Stem Cell therapy helps to repair damaged tissue inside the joints thus restoring cartilage function and reducing pain.



Splash

CASE STUDY

How Splash recovered from arthritis

Meet Splash, a 7-year-old Labrador who unbeknown to his owner Jane, was suffering from arthritis.

The signs weren't obvious.

Jane had noticed that at times Splash didn't want to get out of his bed. He had also become reluctant to exercise as much.

Although Splash wasn't himself, Jane never considered he might have arthritis. It was only after a visit to the vet, that Splash was diagnosed with arthritis.

Jane was given two options for Splash - a monthly injection for pain relief or Metacam.

Jane decided to look for alternatives and came across Stem Cell Vet.

Splash then underwent stem cell therapy and we are delighted to report he is back to his happy and active self.



Is your dog suffering from arthritis?

Have you noticed any of the following?

- Reduced activity
- Reluctance to walk or play
- Stiffness in the legs (especially after rest)
- Difficulty getting up
- Limping/lameness
- Difficulty climbing stairs/steps or jumping into the car
- Lagging on walks
- Licking or chewing at joints
- Yelping in pain when touched
- Personality changes e.g. not being his or her self, or aggression
- Reduced appetite

Don't assume it's just old age and that nothing can be done. Your pet may be in pain and something can be done. If your dog is showing any of the above signs or symptoms, then it's time for a check-up.

Winter is the time of year when our dogs may suffer the most from arthritis, but the pain can last all year long. As osteoarthritis progresses the pain becomes much worse, so the sooner the problem is recognised the sooner your dog can be helped.

Are you considering stem cell therapy for your dog?

The first step is to have a free phone consultation with us. Here are three ways to contact us:



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Request a call back



Chat to us on WhatsApp here



Arthritis related conditions in dogs



Hip Dysplasia

Explainer video:

Hear Dr Halperin discuss
Hip Dysplasia in dogs.



What is Hip Dysplasia?

Hip Dysplasia is a genetic condition in which there is a tendency towards development of hip problems, sometimes early in life. The soft tissues that normally stabilise the hip joint can become loose within the first few weeks of life which makes the ball and socket of the hip joint unstable and deformed. Dogs with hip dysplasia almost always go on to develop arthritis of the hips.

What is the cause of Hip Dysplasia?

Hip dysplasia is of genetic cause. Environmental factors are unable to cause hip dysplasia. There is no evidence to support the concept that excessive exercise as a puppy or running up and down stairs can contribute to the development of hip dysplasia.

What happens inside the hip joint?

Pain is caused by micro-fracturing of the bone and cartilage surfaces that are rubbing against one another. As cartilage erodes, osteoarthritis and pain develop.

Treatment options for dogs with Hip Dysplasia

Common treatment options for dogs suffering from hip dysplasia range from changes in lifestyle and diet, to painkillers and surgery.

Various types of surgery can be performed if the disease is caught early and before there is too much joint damage, otherwise a complete hip replacement may be necessary.

There are three major surgeries for hip dysplasia:

Femoral Head and Neck Osteotomy (FHO):

This surgical treatment for hip dysplasia entails removing the femoral head (ball) of the hip joint, allowing the body to create a “false” joint. FHO can help to decrease the discomfort related to hip dysplasia, as the bones can no longer rub against each other although normal hip function is unlikely to be restored.

Double or triple pelvic osteotomy (DPO/

TPO): Typically performed on dogs younger than 10 months old, this surgery involves cutting the pelvic bone in specific locations and rotating the individual segments, resulting in an improvement in the anatomy of the ball and socket joint.

Total Hip Replacement (THR): During THR surgery the dog’s entire hip joint is removed and replaced with a synthetic ball and socket. This surgery is considered end stage and can have a long recovery period.

How Stem Cell Therapy can help

Stem cell can help to regenerate cartilage in the hip joints. Your dog can be treated with stem cell injections into the arthritic joints, restoring cartilage and function and reducing pain.

Stem cells contribute to regenerate and repair damaged tissue, as well as making new blood vessels inside the joint, and are highly anti-inflammatory. All of these effects help to reduce pain and enable your dog to become much more mobile.

Younger dogs with hip dysplasia can also benefit. Use of stem cells in dysplastic hip joints from an early age can limit arthritic changes to a minimum and can represent a less invasive alternative to total hip replacement surgery.



Elbow Dysplasia

What is Elbow Dysplasia?

Elbow dysplasia is a collective term for a range of conditions describing abnormal development of the elbow joint. These are inherited conditions that tend to affect medium and large breed dogs. The conditions are:

- Coronoid disease (usually a fracture of the medial coronoid process of the ulna due to abnormal forces loading on that process)
- Ununited anconeal process of the ulna
- Osteochondrosis dissecans of the humerus
- Joint incongruity due to different growth rates of the radius and ulna

The most common of these conditions is coronoid disease. Coronoid disease and joint incongruity are sometimes found together. Coronoid disease is also known as medial compartment disease and fragmentation of the medial coronoid process.

All forms of elbow dysplasia lead to osteoarthritis as the dog ages.



Treatment options for dogs with Elbow Dysplasia

Traditionally the “treatment” of coronoid disease has been to remove the medial coronoid process using arthroscopy, whilst inserting a camera into the joint. Sometimes this is combined with surgery to re-align the ulna so that it becomes congruent with the radius.

Osteoarthritis occurs whether the dog has surgery or not, and this osteoarthritis is often severe and crippling for the patient.

Some vets may believe that surgery leads to a good outcome for dogs with ununited anconeal process and osteochondrosis dissecans. Stem cell therapy can be used following these surgical procedures in an attempt to limit arthritic changes and can also be used in place of these surgeries in select cases.

How stem cell therapy can help

It has been suggested that stem cell therapy might be a better alternative than surgery for dogs that have elbow dysplasia. This is because stem cell therapy is used to change the destructive environment within an arthritic joint to a regenerative and healthy environment within that joint.

Furthermore, it has been suggested that elbow dysplasia patients who receive stem cell treatment at an early age, may suffer less from arthritis than those who have surgery or are not treated at all.

Partial Cruciate Ligament Rupture

Explainer video:

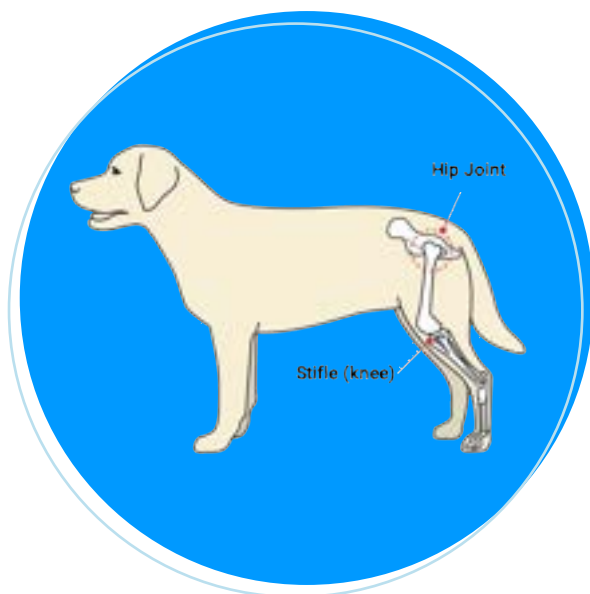
Hear Dr Halperin discuss
Partial Cruciate Rupture.



Let's begin with a quick lesson on canine anatomy.

In four-legged animals the equivalent of the human knee joint is called the stifle joint.

The stifle joint of a dog is a complex joint where the femur (the thigh bone) meets the tibia (the shin bone).



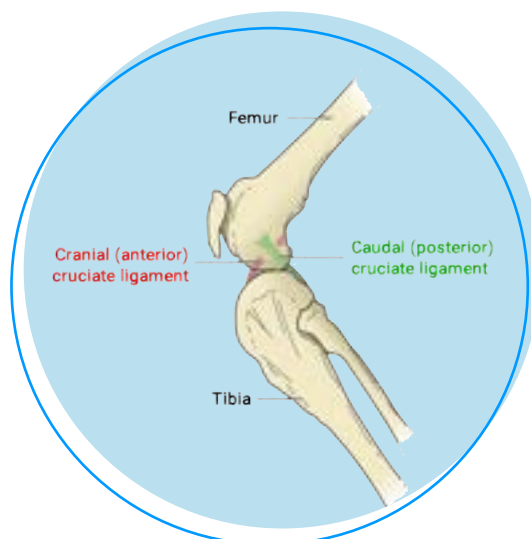
The stifle joint is held together by four ligaments. There are ligaments on either side of the joint (called the medial and lateral collateral ligaments). There are two ligaments within the joint that form a cross shape between the bottom of the femur and the top of the tibia, and these are the cruciate ligaments.

One of the cruciate ligaments is called the cranial cruciate ligament, because it lies in front of the other. The other is called the caudal cruciate ligament.

It is rare to see damage to the caudal cruciate ligament in dogs but it is common to see damage to the cranial cruciate ligament.

Cruciate disease is the gradual deterioration and weakening of the cranial cruciate ligament. It has a hereditary cause in that some dogs are prone to it, but occasionally it can be caused (as in the classic footballers injury in humans) by trauma - sudden twisting or turning for example.

Eventually the ligament can become so weak that it tears, leading to an unstable stifle joint that requires surgery.



Cruciate disease is more common in large dogs, older dogs, dogs that are obese or unfit and those dogs that have a particularly steep slope to the top of the tibia.

Not all dogs with cruciate disease go on to tear the cruciate ligament but many do.

Whether the cranial cruciate ligament tears completely or not, **it is inevitable that a joint with cruciate disease will develop arthritis.**



How stem cell therapy can help

Ligaments heal slowly. The weakening of the cranial cruciate ligament in dogs with cruciate disease happens when the rate of damage to the ligament is faster than the rate at which the body can repair the ligament.

Regenerative medicine can increase the potential for the body to repair the cranial cruciate ligament.

It is thought that regenerative medicine also helps to reduce the progression of arthritis within the joint.

Treatment with regenerative medicine is likely to be most effective when given early in the course of cruciate disease. It is not effective when the cranial cruciate ligament has torn or is close to tearing.

However where there is a partial cruciate ligament tear, stem cell therapy can be used as a treatment option.



Join the free
Dogs with Arthritis
Support Group



The science of stem cell therapy



Explainer video:

Hear Dr Halperin discuss *“What are stem cells and how they work for arthritis in dogs?”*



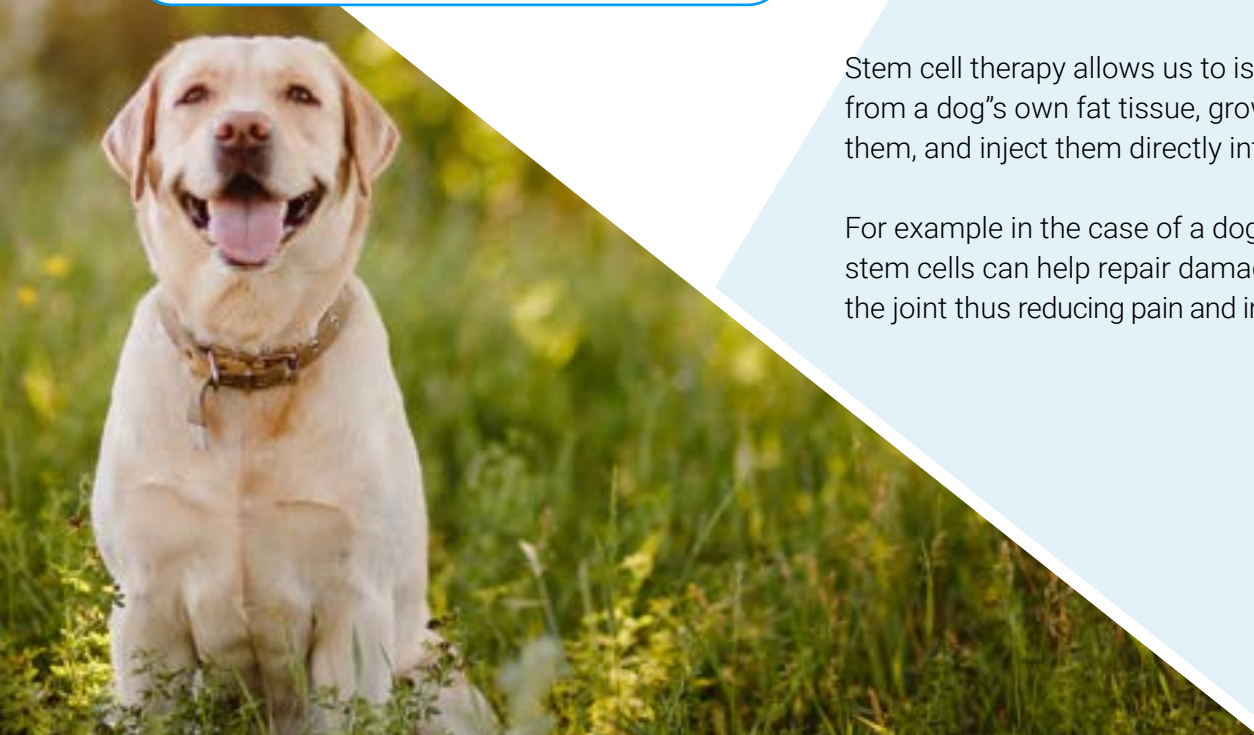
What are stem cells?

Stem cells are powerful healing cells in the body that can transform into other types of cells. They are the building blocks of the body tissues.

Stem cells are actually cells that haven't yet changed into a particular type of cell. These stem cells are known as undifferentiated cells for this reason. Once they become a particular type of cell (for example bone or cartilage), they are known as differentiated cells.

Stem cell therapy allows us to isolate stem cells from a dog's own fat tissue, grow and activate them, and inject them directly into damaged areas.

For example in the case of a dog who has arthritis, stem cells can help repair damaged tissue inside the joint thus reducing pain and increasing mobility.



Stem cell therapy is a very useful addition to conventional treatments for arthritis and other conditions that may not be effective enough in limiting pain, improving mobility or increasing quality of life.

Benefits of stem cell therapy for dogs

 Treats the source of the problem	 Works on all dogs
 Same day procedure	 Improved quality of life
 Fast recovery time	 Reduced future costs

[SCHEDULE A CALL](#)



Stem cells work to orchestrate the healing process. We like to say they act as the ‘conductor’ of the body’s own healing response. Stem cells do this by acting in the following ways;

- Generate new tissue
- Supply growth factors
- Help with blood vessel creation
- Attract progenitor cells (other stem cells already circulating in the body)
- Make extracellular matrix which supports the joint
- Prevent cell death
- Are anti-inflammatory
- Regenerate and replace injured or diseased tissue via cell differentiation
- Modulate signaling pathways to reduce progression of disease
- Act as a magnet for stem cells circulating in the body (known as the ‘paracrine effect’)

- Are anti-fibrotic (prevent fibrous deposits in the joints)

In short, stem cell therapy can improve your dog’s quality of life because it can help provide long lasting pain reduction, facilitate better mobility and give your dog a new lease of life.

What does the evidence say?

There is a growing body of evidence supporting the use of stem cells in both animal and human use. Stem Cell Vet has curated and collated articles and peer reviewed scientific studies on regenerative medicine and its use in the treatment of animals and humans. View this directory [here](#).

Munchkin

CASE STUDY

Just two weeks after treatment Munchkin competed and set the fastest time on the day at London Olympia!

Agility champion, 6-year-old Munchkin had arthritis in her toes and left elbow and was struggling with mobility issues.

Her trainer Dalton thought her agility days were over. Munchkin then underwent stem cell therapy at Stem Cell Vet.

Only 2 weeks after her treatment, she competed at the Olympia Agility Competition and set the fastest time of the day!

Five months after treatment, she won two gold medals at the World Agility Championships.

Well done Munchkin!



Are you considering stem cell therapy for your dog?

The first step is to have a free phone consultation with us. Here are three ways to contact us:



0808 196 7781

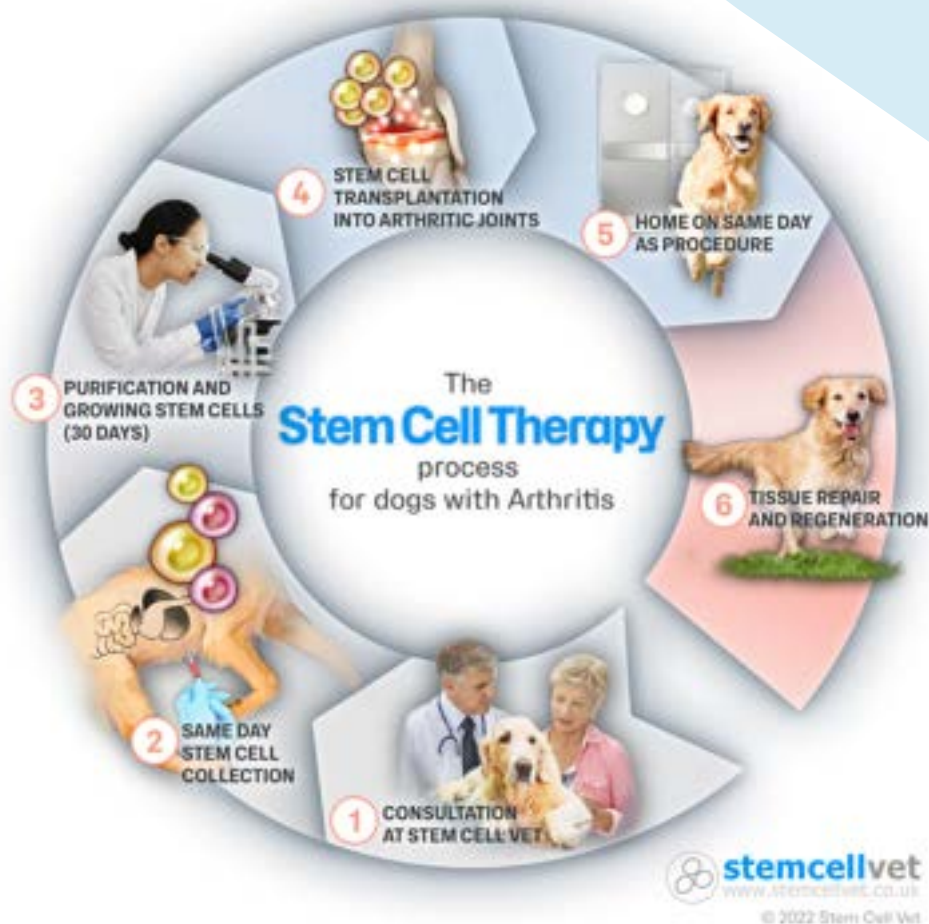


Request a call back



Chat to us on WhatsApp here

The stem cell therapy process for a dog with arthritis



Here's an overview of the stem cell therapy process at Stem Cell Vet

The treatment is a simple, minimally invasive 2-stage process.

The procedure is carried out as an outpatient - patients do not need an overnight stay with us. We usually require two visits in total, four to six weeks apart.

Stage

1

Stem Cell Retrieval

We start by taking some blood tests for anaesthetic safety. Once we are happy with these, we administer a short general anaesthetic. Typically this lasts 30 to 60 minutes.

We then harvest 10 grams of fat from a site just inside the tummy. (Watch Dr Halperin explain this process [here](#).)

After the fat harvest for stem cell retrieval, your dog is woken from the anaesthetic. Any stitches we use are dissolvable and do not need to be removed.

If your dog is having complementary regenerative treatments such as PRP or joint fluid replacement injections, these treatments are usually administered at the same time as this fat harvest.

Stage

2

Stem Cell Implantation

The fat we have retrieved from your dog's tummy is treated in our lab to isolate, concentrate, grow and activate the stem cells, in the millions. This typically takes 4-6 weeks.

Once we have grown healthy stem cells, we organise a second appointment for you. During this appointment, a short anaesthetic is given and we inject the stem cells directly into the affected joints.

Stem cells start to work in the body immediately and we expect to see an improvement within 12 weeks though we commonly see improvement in pain reduction and mobility much sooner.

We have a strict follow up policy so we keep in constant detailed communication with you about your dog's progress, mobility and happiness.



Did you know?

At Stem Cell Vet, your dog's stem cells are frozen for future use. We freeze some of the stem cells we harvest in the rare case they are needed for later use.

Your initial in-person consultation

What happens during your first appointment at Stem Cell Vet?

After your dog passes our candidacy check process, the next step is an in-person consultation.

During this appointment we discuss all your concerns and carry out a full clinical examination, including general health examination, neurologic and orthopaedic exams.

We may need to take x-rays of the affected joints. Where recent, good diagnostic quality x-rays are available from your own vet, we will not need to repeat these.

We will assess the current treatment protocol you have in place for your dog and make adjustments or recommendations so that we are happy that you have the benefit of all the most up to date therapies.

In many cases, patients we see are already being treated with a variety of other solutions and yet are still struggling. In these cases stem cell therapy can be of great benefit.

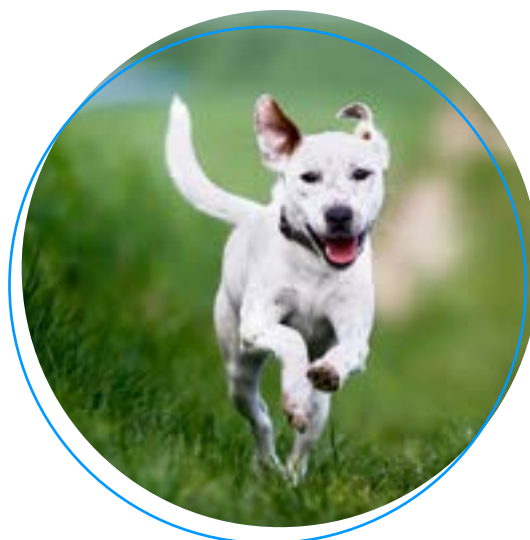
Stem cell therapy is a very useful addition to conventional treatments for arthritis and other conditions that may not be effective enough in limiting pain, improving mobility or enhancing quality of life.

Summary of the treatment process

1. Free phone consultation
2. Candidacy check carried out by our in house clinical team to confirm we can help
3. Stage 1 - visit to Stem Cell Vet clinic
 - In-person consultation and physical exam
 - Blood tests to ensure suitability for therapy and anaesthetic
 - Full radiography service
 - Injection of platelet-rich plasma (PRP) into joint(s) and/or joint fluid replacement injections
 - Adipose (fat) harvest for stem cell retrieval
 - Preparation, counting and culture of stem cells (30 days)
4. Stage 2 - second visit to Stem Cell Vet
 - Injection of stem cells into joint(s)
 - Follow-ups by phone, video or in clinic at 30, 60, 90, 180 and 360 days, plus a separate review at around 24 months for stem cells and PRP.

Time frame for full treatment (stage 1 to stage 2) = 4 to 6 weeks.

Just imagine your dog having a new lease on life in as little time as that!



Stem Cell Vet is committed to giving every single dog the very best care and outcome that we can.

Yes, we are vets and nurses, but we are animal lovers foremost and want to reduce the suffering experienced by dogs with these conditions.

All our patients become part of our family and are looked after just as we would look after our own.

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mabel_and_dennis It'll be coming up 6 months soon since Dennis had his stem cell treatment, and the difference in him has just been incredible. It really has been a miracle treatment for him and completely life changing.

Before, he would only really have short walks, hardly any off lead time and generally a very restricted lifestyle. But since the stem cells have worked their magic, you wouldn't even know he has a dodgy elbow. He's able to do long walks, have off lead time without any flare ups the day after, and just the other day I took him out with Percy for a walk for about an hour. Came back and was getting ready to take the girls out but Dennis insisted he went out again!!

So we put his collar back on and out he came with the girls for another hour. When he got back from his second back to back walk he slept like a baby for the rest of the day, but crucially, no signs of pain, discomfort or anything. Just Dennis being Dennis.

Thank you to the team over at @stemcellvet for giving Dennis this lease in life, it's quite literally a miracle and we couldn't be happier

Candidacy check

If you are considering stem cell therapy for your dog, when you speak to us we will request certain information from you so that we can check if your dog is a suitable candidate for treatment.

This candidacy check process is a crucial part of our treatment process and it is one of the reasons we obtain such high success rates for the treatments we offer.

We will only ever give treatment to a dog who we feel will achieve significant improvements in mobility, pain and quality of life.

Please note, you are under no obligation to proceed with treatment even if your dog qualifies.

Information we need from you

In order to perform the candidacy check, we need the following information from you before you proceed to having an in-person appointment:

1. Your dog's records and clinical history (including any scans or X-rays).
2. Videos of your dog. In order to assess your dog for treatment we need to observe him/her. Please video your dog as follows:
 - A) From the left hand side walking
 - B) From the right hand side walking
 - C) From the front walking
 - D) From the back walking
 - E) A free roaming walk, off lead for about 30 seconds

After we receive these videos and clinical notes, our clinical team of veterinarians will review them and propose treatment options.



A member of our Client Care Advisor team will phone you within 24 hours to share this information and the outcome with you.

If your dog is a suitable candidate for treatment, we will provide a quote for treatment and offer you an in-person consultation.



Treatment starts from £3,795 for two joints, including stem cells, PRP and HA (joint fluid).

Most insurance companies will cover these costs. We also have finance packages available.

Bella

CASE STUDY

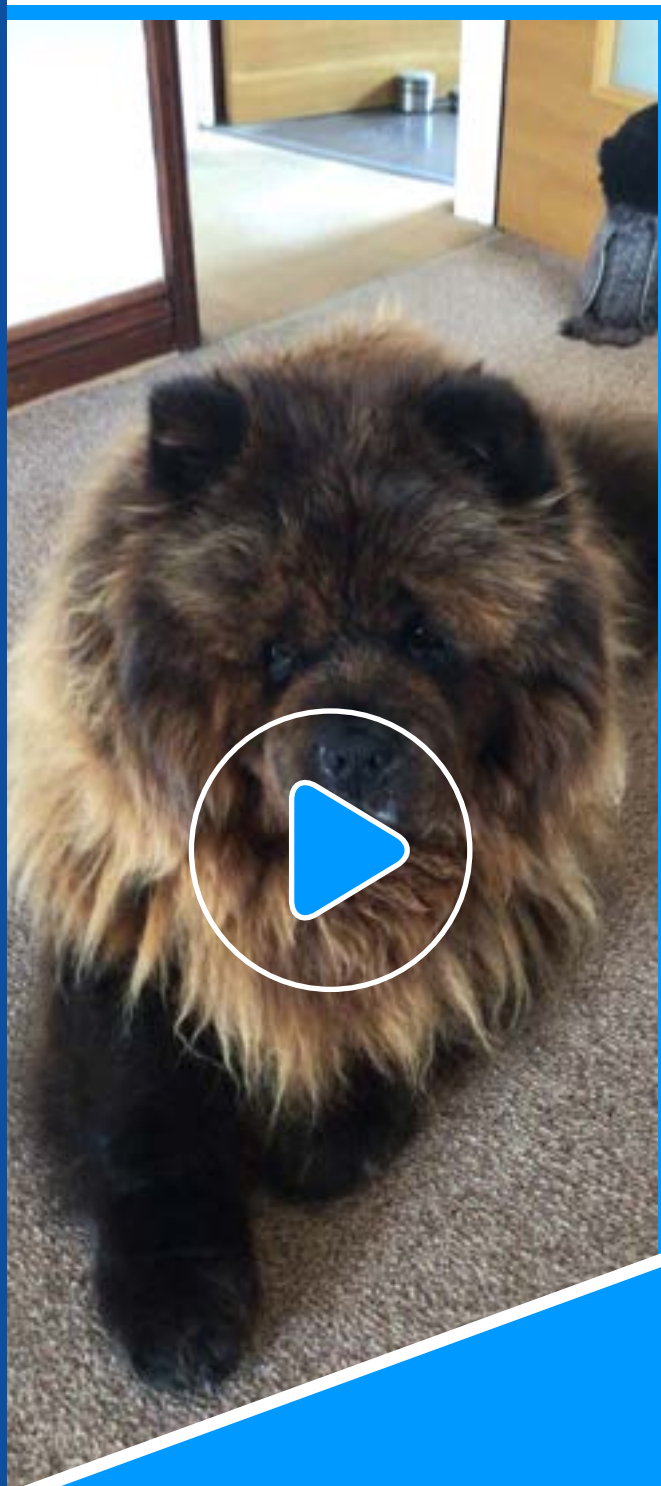
Meet Gorgeous Bella, an 8-year-old Chow Chow. Bella was diagnosed with arthritis in 8 joints. Her own vet had prescribed injections for pain relief as a long-term treatment.

Her owners couldn't bear the thought of Bella having to suffer with a temporary solution for life and decided to search for an alternative.

After some research they came across Stem Cell Vet. Shortly after Bella was treated with PRP, joint replacement and stem cell therapy.

Just two weeks after treatment Bella's owners could see a definite improvement. Two months later they describe her as a pain-free happy dog!

Well done Bella we're really proud of you.



Complimentary regenerative therapies



Optimising the joint for health & mobility

At Stem Cell Vet we take a multi-modal approach with each individual dog in order to achieve the best possible outcome.

Our single goal is to significantly improve the lives of the patients under our care. This means we may offer complementary regenerative therapies, as part of the stem cell therapy **to enhance efficacy of treatment.**

There are two main complementary regenerative therapies that can be helpful to a dog with arthritis. These are:

Platelet Rich Plasma (PRP)

Platelet Rich Plasma therapy falls under the banner of regenerative medicine and utilises the body's ability to self-repair.

PRP injections for dogs can decrease pain associated with arthritis by reducing inflammation in the joints.



At Stem Cell Vet we often will treat a dog with PRP prior to stem cell therapy, in order to put the joint in the best possible condition for repair.

It is a day procedure that involves a blood sample being taken from your dog.

The blood is then run through a centrifuge to concentrate the platelets. These activated platelets are then injected directly into the dog's arthritic joint.

PRP stimulates healing of inflamed tissues and improves pain and function of the joint. The therapy is fast acting and pain is often reduced within a week after treatment.

What is the difference between stem cell therapy and PRP?

PRP provides stimulation to improve the quality and speed of healing in the body, reducing pain and inflammation and improving the environment within the joint. Stem cells help to repair and regenerate damaged tissue.

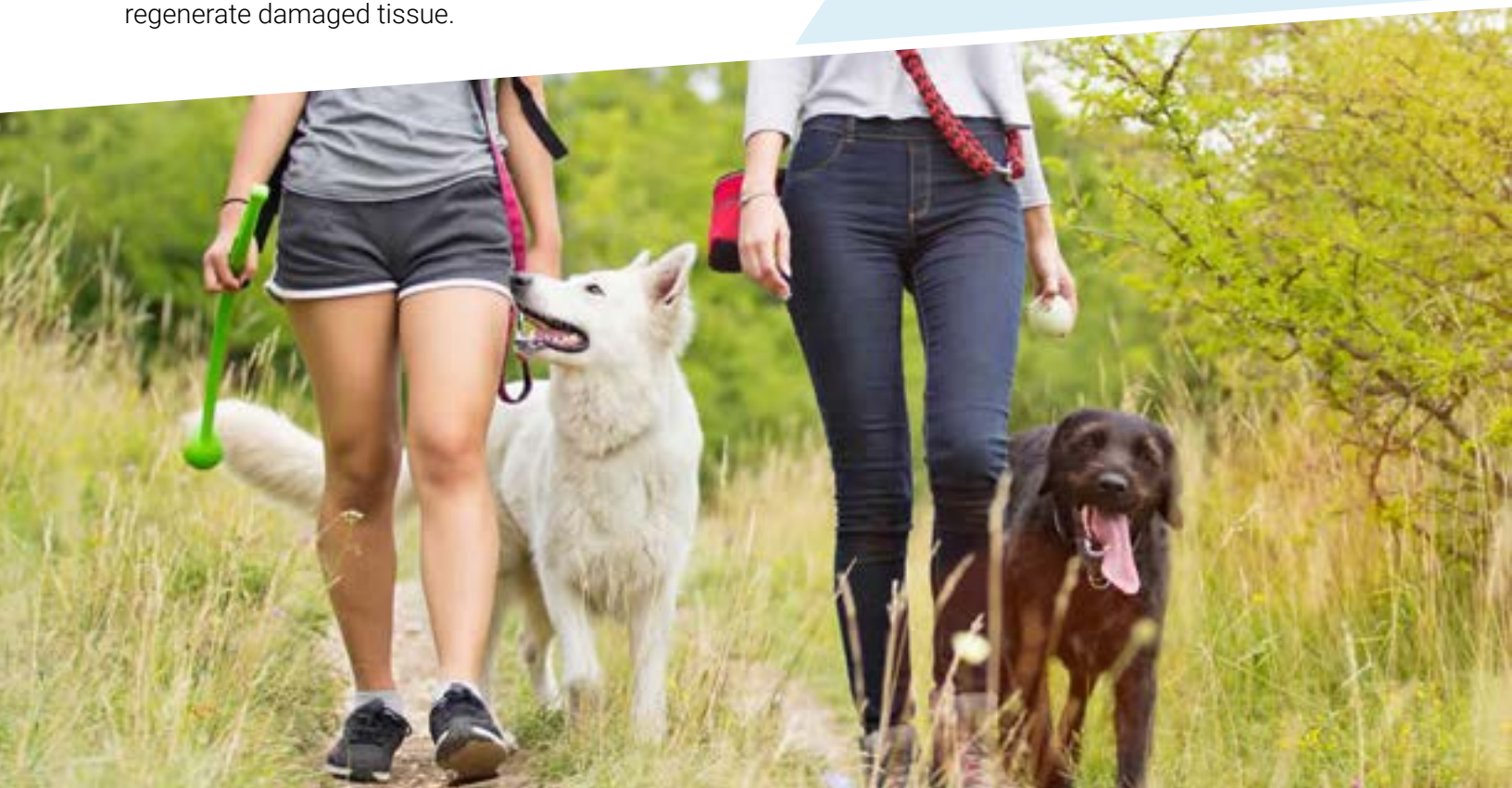
In summary, PRP injections for dogs can decrease pain associated with arthritis by reducing inflammation in the joints and improving the function of the joint.

Joint Fluid Replacement Injections

Synovial fluid (which is the sticky fluid inside a joint) can degrade in an arthritic joint. We can replace that with a synthetic joint tissue fluid which can help to lubricate and cushion the joint, whilst also providing pain relief.

Did you know?

PRP and joint fluid replacement injections are covered by most pet insurance companies.



Frequently asked questions



How quickly does stem cell therapy work?

Stem cells start to work in the body immediately and we expect to see an improvement within 12 weeks, although we commonly see marked improvement within 3 weeks.

How long does stem cell therapy last?

Many dogs need only one treatment. We invite dogs for a follow-up assessment at around 24 months after stem cell or PRP treatment. Repeat treatment is considered individually. Stored stem cells are available if needed.

What is the success rate?

To date, Stem Cell Vet has not treated a dog that has not responded extremely well in terms of increased mobility, pain reduction and improved quality of life.

In the United States the published success rates are that 85% of dogs respond very well to stem cell therapy.

At Stem Cell Vet, with our clinical protocols and treatments tailored for each dog individually, our results are much better than this.

Is it safe?

Yes, stem cell therapy is minimally invasive and very safe. Treatments are low risk because we use your own dog's stem cells.

Your dog will be required to undergo a general anaesthetic to collect fat tissue (from which we isolate the stem cells).

Some people often worry that their dog may be too old for anaesthetic, but, anaesthesia can be safe for older dogs. Please see our article on anaesthesia for older dogs [here](#).

At Stem Cell Vet we always carry out a full pre-anaesthetic blood test and use the safest available anaesthetics and monitoring equipment.. To date we have never had an anaesthetic issue at our clinic.

Is stem cell therapy covered by pet insurance?

Yes, stem cell therapy is typically covered by most insurance companies in the UK.

However please do get in contact with your insurance company to find out if this treatment is covered under your specific policy. On our initial call with you, we can help you with this process.

What is the cost of stem cell therapy for dogs?

The cost of regenerative treatments such as stem cell therapy, platelet rich plasma and joint fluid replacement therapy varies for each patient depending on the needs of each dog we see.

For example some dogs may require multiple joints to be treated and others may need a combination of the regenerative treatments we offer. For this reason costs may vary.

Treatment starts from £3,795 for two joints, including stem cells, PRP and HA (joint fluid). Pet insurance may cover treatment; finance packages are available.

At Stem Cell Vet, we have rigorous candidacy checks in place and will only give treatment when we absolutely feel we will get positive results. This means we may not recommend regenerative therapy for all dogs.

Will stem cell therapy treat Spondylosis?

Spondylosis is a radiographic change where bone spurs or bridges are seen on a spinal x-ray or CT scan. They are rarely a source of pain but do indicate micro-instability between the vertebrae of the spine.

Stem cell therapy will not treat spondylosis directly, but because it is not considered to be the source of discomfort we usually find that a good orthopaedic examination reveals the source of pain or poor mobility is coming from other joints such as the hips. Generally treatment of these joints alleviates pain, improves mobility and greatly improves quality of life.

What is the oldest age a dog can have stem cell therapy?

To date the oldest dog we have treated at Stem Cell Vet is 14 and a half years old.

What is the difference between Librela and Stem Cell therapy?

Librela is a monthly injection given to dogs to help with pain. Librela temporarily reduces pain but it doesn't treat the source of the problem, It manages symptoms and requires ongoing administration. Some dogs may experience side effects and Librela can also stop working for some dogs over time.

Stem cell therapy harnesses the body's own ability to self repair. Stem cells treat the source of the problem by generating new healthy tissue to heal the joint from within. This has a long term regenerative effect and the vast majority of dogs will only need one treatment.

Where is Stem Cell Vet located?

Stem Cell Vet is located at 25 High Street, Bruton, Somerset, BA10 0AH.

We also offer video consultations.

What happens if I don't live close to Stem Cell Vet?

Stem Cell Vet services the whole of the UK. Many of our patients travel vast distances to visit us because they want the best standard of care for their dog.

Did you know?

Founder of Stem Cell Vet, Dr Stewart Halperin in 2012 became one of the very first vets in the UK to carry out Adipose derived Stem Cell transplants in a dog with arthritis.

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Weighing up the cost



Should you invest in stem cell therapy for your dog?

It has been calculated by pet insurance companies that the average pet owner who has a dog with arthritis will spend £7,000 over a 3 year period on solutions to manage their dog's condition. Maybe you can relate?

Most of these solutions require ongoing daily, weekly or monthly administration.

Stem cell therapy on the other hand may only require one treatment. The benefits of pain reduction and improved mobility can often last the dog's lifetime.

Regenerative therapies use the body's own healing properties to treat the source of the problem, not just the symptoms.

This is important to some dog owners who are looking for more than a 'band-aid' solution and may want as natural a treatment as possible.

May reduce future costs

With rising costs due to inflation, it's smart to consider regenerative therapies because they can reduce other costs such as medication that you may be spending on your dog.



Covered by pet insurance

The wonderful thing is that regenerative therapies such as platelet rich plasma, joint fluid replacement and stem cell therapy are covered by most pet insurance companies in the UK.

Cover may vary depending on what plan you are on so it is recommended to contact your pet insurance provider to check what is covered under your plan. Again, we can help you with this process.

Quality of life

Stem cell therapy can reduce pain, increase mobility and give your dog a new lease of life.

Most pet owners feel the opportunity to give their beloved dog the best quality of life possible is priceless.

This is why we do what we do at Stem Cell Vet. Yes, we are vets and nurses, but we are animal lovers first and foremost and want to reduce the suffering experienced by all animals with these conditions.

Hear Dr Halperin discuss why he started the stem cell clinic.



Cost benefit of choosing stem cell therapy to treat hip dysplasia in dogs

Anti-inflammatories for pain control can cost upwards of £150 per month.

Monthly laser or acupuncture treatments cost approximately £45 a session, with multiple sessions needed each week to begin with, then once a week after that.

These treatments may or may not help reduce the dog's pain and will likely be needed throughout the dog's life.

Depending upon the procedure, surgery can cost anywhere from £5,500 (FHO and TPO surgeries, per hip) all the way up to £10,000 (THR, or total hip replacement.)

On the other hand, treating hip joints with **stem cells** can restore cartilage and lessen painful movement in your dog.



Stem cell treatment starts from £3,795 for two joints, including stem cells, PRP and HA (joint fluid). The final cost depends on your dog's treatment plan. Pet insurance may cover treatment.

If you are in the UK and have a dog with arthritis, whether you have insurance or not, we encourage you to see if your dog is a good candidate for stem cell therapy. You and your dog have nothing to lose and everything to gain.

Help your dog, the natural cost effective way!

Are you considering stem cell therapy for your dog?

The first step is to have a free phone consultation with us. Here are three ways to contact us:



0808 196 7781



Request a call back



Chat to us on WhatsApp here



Choosing a clinic for treatment



Deciding where to have treatment for your dog is an important decision. It matters because the stem cell treatment will vary from clinic to clinic.

Common differences

- Some clinics may not have thorough candidacy checks in place and may offer treatment to any dog regardless of anticipated results.
- Length of stem cell harvest time and number of cells grown may differ from clinic to clinic.
- Different clinics may have different levels of experience in performing the treatment.
- Not all clinics may offer complimentary regenerative therapies (such as PRP and joint fluid replacement injections) which enhance treatment efficacy in selected cases.
- Clinics may vary in their level of patient care and follow up process, as well as length of consultation time with your dog.
- Some clinics may use older stem cell treatments. These differ from treatments we use at Stem Cell Vet where we harvest, grow and test each dog's stem cells, as well as carry out sterility checks and full cell counts.

- Results monitoring. At Stem Cell Vet we have a robust monitoring process to ensure we collect clinical metrics for all of our patients so we can objectively measure how they are doing before and after treatment.

All of the above factors can influence the experience you and your dog have, treatment results, and longevity of results.

The Stem Cell Vet difference

Stem Cell Vet is built on making sure that we give the best possible care that you could expect from any vet, in any clinic, in any country.

Our clinical protocols ensure treatment is correct for each individual dog and thus we can boast high success rates.

To date we have not treated a dog that has not responded extremely well in terms of increased mobility, pain reduction and improved quality of life.

Our difference

Rigorous candidacy check process

We have a candidacy check process that ensures that we will only ever give treatment to a dog we feel will achieve a good result.

Experience

At Stem Cell Vet we have been performing stem cell therapy in dogs for 11 years and do this on a daily basis at our clinic.

Cell harvest time/number of cells grown

We request specific cell quantities from our lab which are typically far in excess of those historically or more commonly used.

Multimodal approach

Stem Cell Vet has a multimodal approach towards each patient meaning we may offer other complementary regenerative medicine therapies as part of the treatment process to enhance efficacy of treatment.

Gold standard of care

Our goal is to offer every patient we see the absolute best possible care. We ensure we keep up with the most up-to-date techniques and technology in stem cell therapy and regenerative medicine, so we can offer the best treatments that are available.

Your dog's happiness means the world to us. All our patients are treated as our own family.

We provide expert follow up care and stay in contact with you throughout the entire healing journey to ensure that you and your dog are happy.

All of these aspects ensure that dogs we treat will have the best possible outcome, and that choosing our clinic for treatment is one of the best decisions you will ever make.

If you haven't done so already, please get in touch so we can get started on your dog's road to recovery.

Essential viewing

3 little known factors when treating a dog with arthritis



Should you have stem cell therapy at your local vet or go to a dedicated clinic?

The best thing you can do is to educate yourself by reading guides like the one you are reading now, to determine what is best for you and your dog.

The main point to consider is that where you have treatment will make a difference for the reasons that we have outlined in this chapter.

Some people may worry that their vet may be upset or that they are being disloyal by having treatment elsewhere.

However this isn't the case. We see referrals from local primary vets as well as referral centres and we work in conjunction with your vet who wants to give their patients the very best treatment that's available.

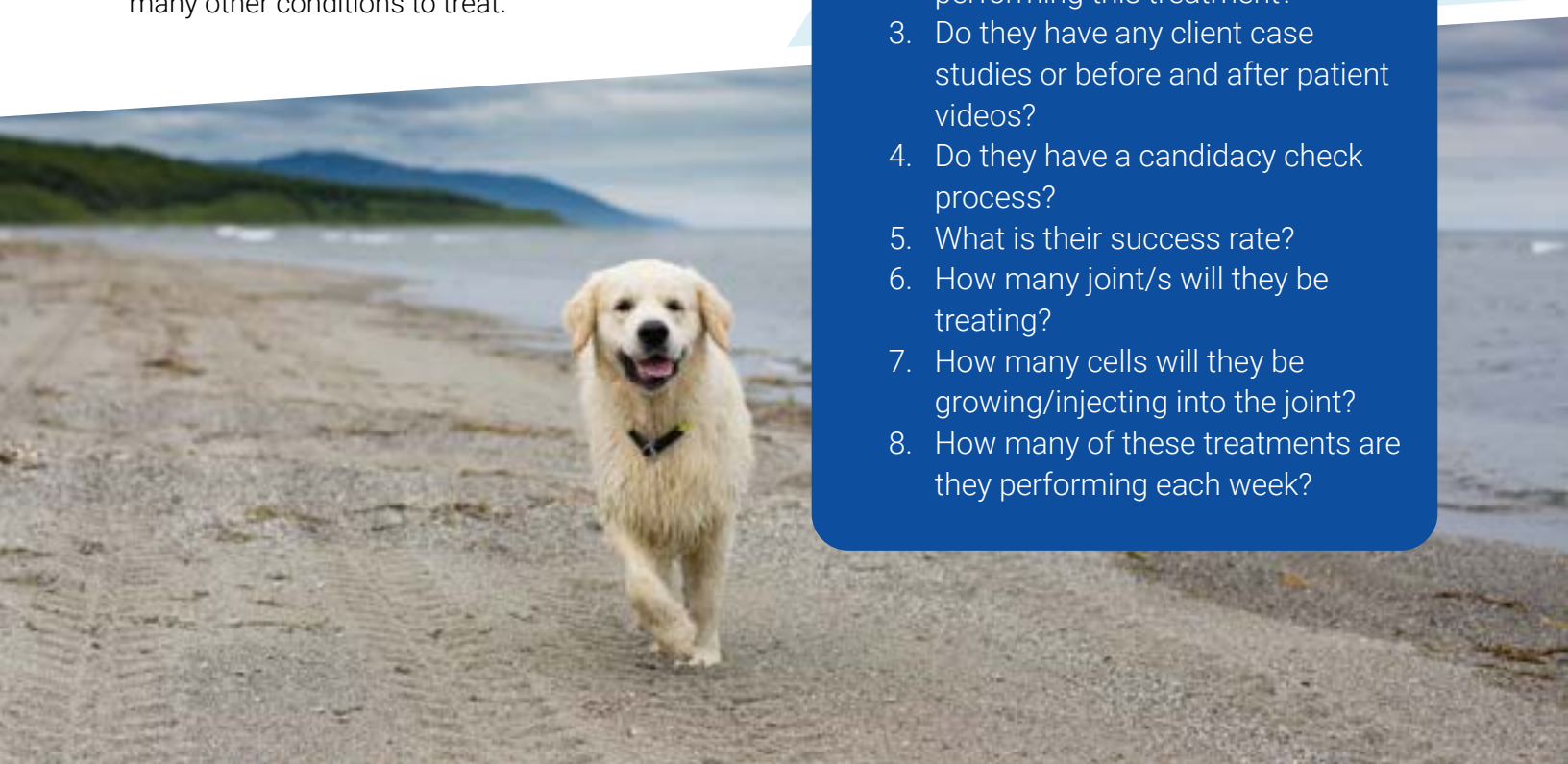
Some vets may not be aware that regenerative treatments for arthritis are available as they have many other conditions to treat.

In general we are finding that more and more vets are becoming aware of the incredible benefits of stem cell therapy and are keen to understand more.

If your vet would like to learn more about regenerative therapies, please refer them to the section on the Stem Cell Vet website which has published studies [here](#).

If you are considering having stem cell treatment at your local vet, we recommend asking the following questions:

1. How many dogs have they treated at their clinic with this procedure?
2. How long have they been performing this treatment?
3. Do they have any client case studies or before and after patient videos?
4. Do they have a candidacy check process?
5. What is their success rate?
6. How many joint/s will they be treating?
7. How many cells will they be growing/injecting into the joint?
8. How many of these treatments are they performing each week?



Reviews



Stem Cell Vet Reviews



Chris Gray

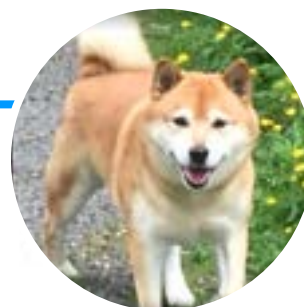
2 reviews · 3 photos



Shae has always been active dog but had suffered from Arthritis in his elbows since he was about 8 and had been finding it more and more difficult walking up hills and his walks had been getting shorter as the condition worsened.

I heard about Stem Cell Vet through social media and thought this might be something that would help him but, coming from Northern Ireland, it required a lot of thought and research. We discussed this with our own vet who had reservations about such treatment but said she would look into it in more detail. She did this and thought that it might just be what Shae needed so I contacted Stem Cell Vet and spoke with Lucy who asked a lot of questions about Shae and explained in detail all the treatments that may help him but which would be decided upon only after an initial consultation. After a very thorough examination of Shae by vet Steve, it was decided that three types of treatment would be appropriate; Artificial Joint Fluid injection into the affected joints, Platelet Enriched Plasma also injected into his joints and the Stem Cell implant treatment itself.

The results have been amazing and just seven weeks after the Stem Cell implants, he is a new dog. He has his bounce back and is much happier within himself and I'm so glad we did this for him. The Stem Cell Vet have been very professional in every way and we would recommend them to anyone whose beloved dog suffers from this painful condition.

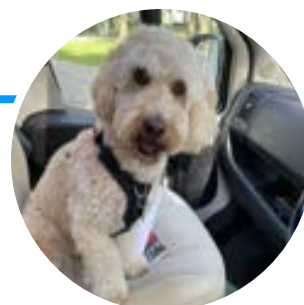


John Butler

3 reviews · 1 photo



Great service. Very caring staff. Our Doggy Harry is so improved



stemcellvet
www.stemcellvet.co.uk

Healing Your Dog's Arthritis
The Stem Cell Therapy Guide



Stem Cell Vet Reviews

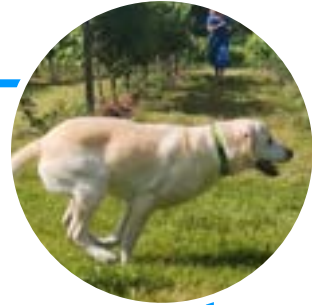


Darius Craton

2 reviews · 1 photo



The entire team at Stem Cell Vet have been fantastic since our Labrador had his treatments for arthritis and elbow dysplasia which have given him back the verve and energy of his younger self. The team continue to proactively follow up and provide great care. I would highly recommend reaching out to the practice for anyone whose pet is struggling with joint issues.



Terri-Jane Beckett

2 reviews · 3 photos



I'm so grateful that we found Stem cell Vets, Jack our Hungarian Puli is a rescue Tripaw, in the last 12 months his walking had got increasingly worse with him only being able to walk a few steps at a time before having to lie down, after his treatment he is now able to walk continuously for around 20 mins, and he can run 🥰 stem cell therapy has given him a new lease of life it's wonderful to see. He will never be able to walk for miles because of his disability, however being able to walk for 20 mins, have a little rest and then walk again is like a miracle!!! Jack now has his quality of life back which means everything to me. The care from everyone at stem cell vets is amazing from start to finish, I highly recommend them. Feel free to contact me if you'd like any further details.

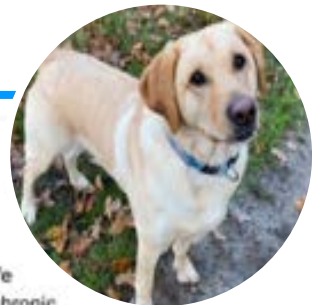


Rebecca Miller

3 reviews · 1 photo



I truly don't have the words to describe just how Stem Cell Vet turned both mine and Georgie's life around. From thinking I would have to put my beautiful 3 year old lab down in May because his chronic arthritis in his elbow and hip meant he was too lame to walk for even 5 minutes without a great deal of pain, to Georgie now walking longer distances and running and playing on the beach again is nothing short of miraculous.





Stem Cell Vet Reviews

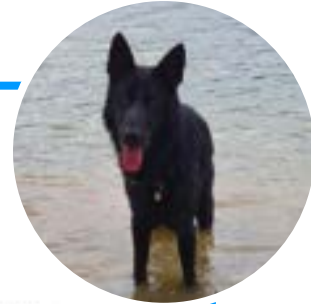
M

Mark Creedy

2 reviews · 2 photos



My 2 year old GSD suffered from his elbow dysplasia for a number of months following his diagnosis and it was suggested by another vet to deal with his condition by way of controlling his exercise. At his young age, I decided to explore other options to improve his quality of life and came across Stemcell Vets. Following his course of stemcell treatment, he is now able to lead a normal life with lengthy walks and exercise and no signs of his dysplasia - it has truly changed Shadow's life and us as a whole family. Dealing with everybody at Stemcell Vets has been a pleasure and everybody has been extremely friendly and professional. I would certainly recommend anybody considering this treatment for their pets.



M

Mark Coates

1 review



Big Elsa took a visit to meet the Stemcell Team and wow she is a very happy girl, limping very heavily on her front legs made her beach walks every day a labour and not a pleasure, the team set about doing what they do so professionally and easily Elsa regained her Happy Self. Stemcell Vets are a company that sets levels that embarrass most other medical companies.



B

Berni Stringer

3 reviews



Would recommend this practice without hesitation. Staff are skilled knowledgeable and unhurried. They show care and concern for both pets and owners balancing personal and professional service in a way that really does help our much loved pet. I would have no hesitation in recommending this practice and each team member we met during our stay. Thankyou so much for the accommodations you made for us and for really listening and acting on our worries for our pet who are s already feeling better. Brilliant service. 🐾🐾🐾





Stem Cell Vet Reviews



Irene Milligan

12 reviews · 6 photos



Can't Speak Highly enough about Stemcell Vets . My 12 year old dog was in a lot of pain as all joints had bad arthritis. After her treatment, she has improved considerably and is now bright eyed and much happier and this has allowed her a better quality of life. We are so pleased with the results from her treatment and would absolutely recommend Stemcell Vet. They are such a caring team and the whole process was seamless.



Nicky Gleadow

2 reviews



The service provided at Stem Cell vets is first class. They really get to know you and your pet and personally care about them. From the dedicated vet on your appointment to the call with the team for updates after the treatment.

My dog is so much happier and on no pain medication after his treatment in December 2022.



Sameera Zenib

Local Guide · 16 reviews



We came here for Stemcell treatment for both of our German shepherds. Amazing caring and very knowledgeable vets and staff. They know their stuff and are extremely thorough in their diagnosis and after care. Willing to go the extra mile for your pets care and treatment. Couldn't recommend them highly enough. Ali and the rest of the staff are incredible!



Mike Hurst

3 reviews



Has given me my dog back!!



John Butler

3 reviews · 1 photo



Great service. Very caring staff. Our Doggy Harry is so improved





We make your dog's arthritis better

Stem Cell Vet works with dogs of all ages & breeds who are struggling with arthritis. We use cutting edge treatments such as Stem Cell Therapy, to help dogs become fully mobile & pain-free.

Reach out to us.

Contact us today:

Click here!



0808 196 7781

Learn more:

Click here!



enquiry@stemcellvet.co.uk

Our website:

Visit now!



Follow us on social.



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