

# What is DogStem®?

Your dog has been treated with DogStem, the first and only licensed stem cell therapy for dog's with osteoarthritis.\*

DogStem is a solution of approximately 7.5 million stem cells that is injected into a joint ("intra-articular" injection). Due to a unique mode of action, it provides a new solution to help reduce your dog's pain and improve their mobility and quality of life.

## Stem Cells:

- ➔ Change the joint from an inflammatory to non-inflammatory environment
- ➔ Possess tissue regenerative properties, giving them the potential to slow disease progression

# What to expect

DogStem is effective from 3 months to more than 12 months – proven to help reduce pain and lameness and improve mobility and quality of life.<sup>1,2</sup>

DogStem gets to work straight away but it typically takes four to eight weeks to see an improvement.

It is common for dogs to experience discomfort after intra-articular injections. This typically resolves within 24 to 48 hours, but can occasionally last up to a week. Restricting exercise to lead-only 10-minute walks twice daily for the first 24 to 48 hours after treatment (or as per your vet's recommendations) can help to improve your dog's comfort.

You can expect gradual but lasting improvements with DogStem.

Studies show that:

- ➔ 65% of owners reported improvement in their pet's quality of life 8 weeks after treatment<sup>2</sup>
- ➔ 59% reported the treatment's effects lasted longer than 6 months<sup>2</sup>
- ➔ Owners noticed an improvement in their dog's enthusiasm for going on walks, running, going up stairs, playing with other dogs and reduced stiffness<sup>2</sup>

# Managing osteoarthritis

Osteoarthritis is a progressive disease<sup>4</sup> that can greatly impact you and your dog's health and wellbeing.<sup>5</sup>

It's important to take a multi-pronged approach to help minimise the effects of the condition and maximise your dog's quality of life. DogStem can be used alongside other treatments and management strategies which might include; changes to diet, exercise and lifestyle as well as additional types of pain control and surgical intervention in some cases.

It works differently to many other common pain medications.

As part of a holistic management plan, DogStem can help put the spring back in your dog's step and improve their quality of life in a way that lasts.

Ask your vet about the best management strategies for your dog's osteoarthritis.

\* Dogstem is the first and only licensed stem cell therapy in the UK and EU. DogStem is licensed for the improvement in function and reduction of pain and lameness associated with mild to severe osteoarthritis in hip and elbow joints.

# Tracking progress

You can monitor how your dog is improving by recording day-by-day differences in their movement and behaviour.

For example, you might notice your dog:

- ➔ finds it easier to get out of bed in the morning
- ➔ is more enthusiastic to go on a walk
- ➔ climbing the stairs or getting up onto a chair more easily



Please follow your vet's advice and instructions carefully

Patient name: .....

Joint treated: .....

Date of DogStem® administration: .....

Batch number: .....

Practice stamp:

Your next appointment is at \_\_\_\_:\_\_\_\_ on \_\_/\_\_/\_\_  
Other instructions:

### Calling all owners with stories to share!

If your dog has been treated with DogStem for osteoarthritis, we'd love to hear more.



Please complete our survey by scanning the QR code.

For further information, please contact your veterinary surgeon. Leaflet produced by TVM-UK distributor of DogStem®, [www.tvm-uk.com](http://www.tvm-uk.com). DogStem suspension for injection for dogs contains equine umbilical cord mesenchymal stem cells. Legal category: POM-V. For the improvement in function, reduction of pain and lameness associated with mild to severe osteoarthritis in hip and elbow joints. Use medicines responsibly. [www.noah.co.uk/responsible](http://www.noah.co.uk/responsible). For further information and to view the full Summary of Product Characteristics, please contact: TVM-UK Animal Health Ltd, Kirtlington Business Centre, Slade Farm, Kirtlington, Oxfordshire, UK. OX5 3JA. 0800 0385868. [help@tvm-uk.com](mailto:help@tvm-uk.com).

#### References:

1. DogStem® suspension for injection SPC.
2. Punzón, E., et al. (2022). Equine umbilical cord mesenchymal stem cells demonstrate safety and efficacy in the treatment of canine osteoarthritis: a randomized placebo-controlled trial. *Journal of the American Veterinary Medical Association*.
3. Kriston-Pál, É., et al. (2017). Characterization and therapeutic application of canine adipose mesenchymal stem cells to treat elbow osteoarthritis. *Canadian Journal of Veterinary Research – Revue Canadienne de Recherche Veterinaire*, 81(1), 73-78.
4. Brondeel, C., et al. (2021). Review: Mesenchymal stem cell therapy in canine osteoarthritis research: "Experientia Docet" (Experience Will Teach Us). *Frontiers in Veterinary Science* 8, 668881.
5. Belshaw, Z., et al. (2020). You can be blind because of loving them so much": the impact on owners in the United Kingdom of living with a dog with osteoarthritis. *BMC Veterinary Research* 16:190.

DS-003-DL M+M

# DogStem® – transforming the lives of dogs with osteoarthritis

DogStem®