

## How does Cartrophen Vet work?

CARTROPHEN VET is a disease modifying osteoarthritis drug (DMOAD) with multiple pharmacological actions affecting the immune and tissue cell systems of the body that slows the progression of arthritis.

These effects include:

- Inhibition of enzymes that break down cartilage as well as stimulation of natural inhibitors of these destructive enzymes.
- Stimulation of production of lubricant and cartilage molecules by joint cells.
- Improvement of blood circulation to the arthritic tissues, thus improving nutrition to the joint tissues.
- Normalisation of the immune response by regulating messenger molecules which control these processes.
- Stimulation of the production of proteins, thereby blocking damaging free radicals and antigens.

CARTROPHEN VET relieves pain and lameness and dramatically increases the range of pain-free movement by treating the underlying disease processes – not just the symptoms.

These shots will be adjusted by your veterinarian so the frequency of treatment achieves the optimum results.

As osteoarthritis is a degenerative disease, yearly courses are recommended.

## Are there any side effects?

In rare cases, 5-15 minutes after the first injection a dog might vomit or be a little quieter than usual for a day or two. These temporary effects are only seen in some dogs. However, should your pet experience these or any other changes, consult your veterinarian immediately.

## Why is it essential to complete the course?

If you want your dog to enjoy the FULL benefit of the treatment, it's essential to complete the FULL course as recommended by your veterinarian.

VETERINARIAN'S STAMP		
----------------------	--	--



Arthritis?  
The telltale signs  
for dog lovers.

## The treatment.

Treatment is similar to vaccination with weekly doses for four weeks.

8/10 pets respond quickly to the initial course with an increase in activity and wellbeing.

No more than six months after the treatment your dog's progress should be assessed by the veterinarian as 'booster' shots may be required.

APPOINTMENT	Date	Time
1 <sup>st</sup> Dose		
2 <sup>nd</sup> Dose		
3 <sup>rd</sup> Dose		
4 <sup>th</sup> Dose		
Check-up		

www.cartrophen.com

©Biopharm Australia Pty Ltd 2014

**Cartrophen**  
VET

www.cartrophen.com

## What are the signs of arthritis?

Lameness or limping is the most apparent sign of arthritis. Some dogs may only display subtle behavioural changes that could easily be overlooked or dismissed as 'normal' signs of aging. How does your dog feel about the following statements?

Often Sometimes Never  
Score: 2 1 0

*I feel stiff in the morning. It is hard to get up & move around.*

*At times I can seem depressed, irritable or out of sorts.*

*I chew or lick particular joints.*

*I have difficulty going up or down stairs.*

*I eat slowly as it is difficult to reach down to my food bowl.*

*I don't rush to greet you when you arrive home.*

*It's hard to reach some areas to groom so I can look unkempt.*

*On walks I am slow & lag behind.*

*I find it difficult to jump into the car or on to the sofa.*

Total score: \_\_\_\_\_

If your dog is otherwise healthy, the total score allows a prediction of whether or not your dog is suffering from arthritis.

6 or greater = extremely likely

3-6 = highly likely

1-3 = likely

0-1 = It is unlikely your dog has arthritis, but keep an eye out for early signs, and if concerned, speak to your vet.



## A few simple changes at home may help.

In mild cases, you can take some simple steps at home to reduce any initial pain or discomfort.

1. Your dog should *always* have a warm, comfortable place to sleep with plenty of bedding to protect sore joints.
2. Keep your dog as dry as possible and out of draughty areas.
3. Gentle exercise is advisable, as vigorous games will aggravate the disease and discomfort.
4. Obesity is detrimental as the joints are made to carry extra weight. For the well-being of your pet, check with your veterinarian about any recommended weight loss.
5. Ensure your dog rests the affected limb.

*Sadly, as the disease progresses, the signs become even more obvious and the dog more distressed as the pain increases. So, it's advisable to consult your veterinarian as soon as possible.*

## Doesn't arthritis only affect older dogs?

Unfortunately, any dog of any age may become afflicted.

Reduced activity and the stiffening up of legs is often attributed to "old age" and thought to be untreatable by many owners. Surprisingly, the dog may not be lame in any one leg, but unbeknown to you, may be suffering pain in all joints.

X-rays often reveal degenerative changes in more than one joint.

*It's worth noting that about 1 in 5 adult dogs suffer from the disease.*

## How can your dog get relief from arthritis?

There are two principle treatments for arthritis: Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) and Disease Modifying Osteo-Arthritis Drugs (DMOADs). Both are effective at relieving the pain associated with arthritis but DMOADs uniquely treat the underlying disease process and not just the symptoms. CARTROPHEN VET® injection is a DMOAD and has none of the unpleasant side effects associated with NSAIDs.

Furthermore, most pet owners prefer injections to tablets when treating their pets (Veterinary Times Extra 2006, 36(42):3).

## Doesn't your dog deserve the best treatment?

CARTROPHEN VET® is a revolutionary advance in the treatment for arthritis in dogs. In fact, millions of dogs around the world are enjoying the benefits of this superior and scientifically proven Australian technology.