## **HYALORAL®**

### **CHONDROPROTECTIVE**





Hyaluronic acid 1.64 mg
 Enzymatically hydrolysed collagen 182 mg

months.
As it is a food supplement, it can be

For adult cats: 3 ml per day

Dogs:
• For puppies and adult dogs up to 5 kg: 1.5 ml per day For puppies and adult dogs from 5 to 10 kg: 3 ml per day

Ferrets, rodents and birds: 0.5 ml









mend incorporating Hyaloral® Hyaloral Small and Medium

Puppies from 3 months and for at least 6 months.
Adult animals for at least 3 months.
Is it is a food supplement, it can be administered continuo













**pharmadiet** 

OPKO Health Europe

1 tablet for 20 kg of weight, once a day, in a single dose.
From 40 kg of weight, 2 tablets in a single dose.

We recommend incorporating **Hyaloral® Large and Giant Breeds** into the daily diet for at least 3 months. As it is a food supplement, it can be











### **PREVENTION IS IN YOUR HANDS**

## **HYALORAL**

**CHONDROPROTECTIVE** 

### **AVAILABLE FROM YOUR VETERINARIAN**







Information for health professionals



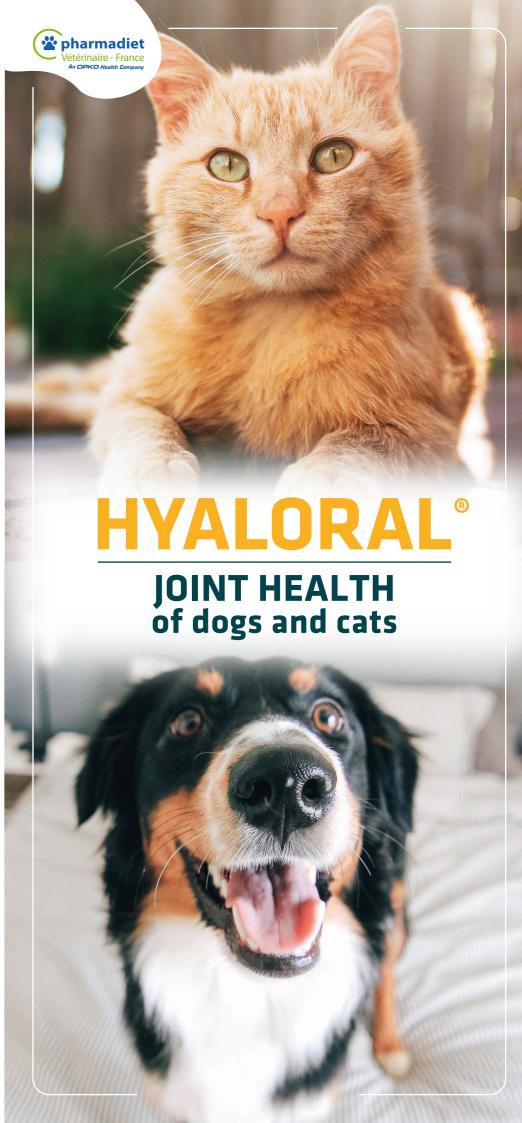
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### **PREVENTION IS IN YOUR HANDS**

### What is arthritis?

## Arthritis is a chronic and degenerative deterioration of the joints.

It all starts with wear and tear on the cartilage, a tissue that covers and protects the ends of the bones at the joints. When the cartilage begins to deteriorate, the entire joint begins to be affected, causing discomfort and loss of mobility for the animal.

### How do I know if my pet has arthritis?

If you observe any of these signs, your pet may have joint problems:

- Loss of activity, no longer want to run, play or jump
- Difficulty getting up or sitting down
- Difficulty going up or down stairs, or from the car
- **P**ain when manipulating joints
- Appearance of lameness, especially when cold

Factors that predispose to the development of arthritis:

- Genetic predisposition: some breeds have a greater predisposition to joint problems
- Age: the older the animal, the more likely they are to have joint wear
- **Overweight:** the greater the weight, the more the joints suffer
- Excessive exercise: dogs with great activity, sport, work or hunting and those that put more strain on their joints

Factors that can lead to arthritis later:

- Hip or elbow dysplasia
- Patella dislocation
- **Fractures**
- **Cruciate ligament rupture**

### **JOINT PREVENTION**

## How to prevent joint degradation?

- ✓ With a diet adapted to the animal
- By maintaining an ideal weight
- ✓ With moderate physical activity
- By supplementing the diet with chondroprotective nutrients

### **CHONDROPROTECTIVES:**

NUTRIENTS THAT HELP PROTECT JOINTS

# HYALORAL CHONDROPROTECTIVE

A UNIQUE COMPOSITION
WITH HYDROLYSED
COLLAGEN

### **Enzymatically hydrolysed collagen**

Collagen is an essential protein for maintaining the structure of joint cartilage, tendons and ligaments. It is preferable to ingest it in hydrolysed form, i.e., fragmented into small pieces, in order to promote its absorption.

### **Glucosamine**

### **Chondroitin sulphate**

Nutrients that are part of the cartilage and that contribute to the maintenance of the proper functioning of the joints in the case of deterioration they suffer.

### Hyaluronic acid

The main component of synovial fluid, it promotes the nutrition of the cartilage and helps the joint lubrication.



In a clinical study conducted by Pharmadiet and the ONCE Foundation for Guide Dogs (FOPG), dogs\* receiving daily oral chondroprotective nutrients (contained in Hyaloral) were shown to have:

- Significant improvement in all symptoms related to elbow dysplasia
- A significant improvement in **mobility**
- An absence of lameness
- An improvement in the animal's quality of life

\*dogs enrolled in the study are animals with a predisposition to elbow dysplasia (Labrador Retriever), deterioration that makes the joints unstable and promotes the development of osteoarthritis and associated symptoms

1Efficacy of an oral hyaluronate and collagen supplement as a preventive treatment of elbow dysplasia. Simon Marti-Angulo, Nuria Garcia-Lopez, Ana Diaz-Ramos. J Vet Sci 2014; 15(4): 569-574.

