



Another step forward in mobility for dogs and cats

The **Cartimax®** range and **Glycosane®** have been providing mobility support for over 25 years



Supporting joint function thanks to recognised ingredients such as glucosamine, eggshell membrane and collagen



Bringing you the benefits of Nature with **selected plants** such as *Harpagophytum* or Meadowsweet



A Global Care approach for the joint and associated tissues with **Cartimax® Active**



Cartimax® & Cartimax® mini: the benefits of plants for mobility



A formula based on recognised ingredients



Provides essential elements for cartilage:

- **Glucosamine sulphate**¹ stimulates the synthesis of proteoglycans and limits their enzymatic degradation
- **Trace elements** (magnesium, copper, manganese)² are fundamental co-factors in the synthesis of proteoglycans
- **Methyl-sulfonyl-methane (MSM)**³ promotes chondrogenesis and the production of aggrecanes (present in Cartimax®)



Helps modulate inflammation:

- **Harpagophytum**⁴ suppresses the expression of iNOS and COX-2
- **Meadowsweet** (*Filipendula ulmaria*)⁵ has anti-COX-1 and anti-COX-2 activity



A simple, practical format



- Cartimax®: 1 capsule per 10 kg
- Cartimax® mini: 1 capsule per 4 kg
- The capsule can be opened to mix its contents with food

- Available in pre-packed format of 51 blisters
- 1 blister = 20 days for a 10 kg dog



When to use Cartimax®?

- To maintain **good joint health** when there are increased risks: physiological risks of joint overload or damage (overweight and obesity, intense exercise, ageing), breed predisposition osteoarthritis (rapid growth, hip dysplasia), convalescence after orthopedic surgery, etc.
- As a complement to medical treatment for osteoarthritis



Why recommend Cartimax®?



Activity

- A formula to nourish cartilage and promote joint well-being
- The benefits of plants for mobility



Simplicity

- The capsule can be simply opened and the contents mixed with food
- A format adapted to cats and small dogs with Cartimax® mini



Flexibility

- Different pill dispenser formats for greater flexibility
- Display with deconditioning pouches for a trial phase

Cartimax® Active: caring for the joint and associated tissues



A formula based on science and ease of use

Eggshell membrane (ESM):

- Source of collagen and glycosaminoglycans⁶
- Helps protect cartilage⁷

ESM
135 mg
per capsule

*Harpagophytum*⁴ and meadowsweet⁵:

Traditionally used for joint comfort

L-carnitine⁸:

- Helps support muscle mass

*Padina pavonica*⁹:

- Source of minerals, fucoidans and heteropolysaccharides
- Helps improve bone density



Flexibility of use:

- 1 capsule per 10 kg of weight, taken once a day
- Can be given as is or opened on the food

Box of 60 capsules:

- 1 single presentation for easy storage
- 1 month's use for a 20 kg dog

Cheese flavour:

- Makes it easier to take



A multi-dimensional approach to mobility



Action on joint health by providing nutrients

- ESM, a source of collagen and glycosaminoglycans⁶, helps protect cartilage⁷
- *Harpagophytum procumbens*⁴ and meadowsweet⁵ traditionally used for joint comfort



Helps support the tissues associated with the joint

- L-carnitine⁸ helps support muscle mass
- Peacock's tail (*Padina pavonica*)⁹ helps to improve bone density *in vitro*

When should Cartimax® Active be used?

- In all cases where **joint health is diminished**: over-stressing of the joint, genetic predisposition, or during convalescence after trauma or surgery
- In cases where multi-modal management of joint health is recommended, particularly where there is a **risk of erosion of the subchondral bone or muscle wasting**

Why recommend Cartimax® Active?



Activity

- Extended management of mobility disorders in dogs



Simplicity

- A capsule format to suit the animal
- A cheese flavour to make it easier to take



Trust

- Ingredients that have been scientifically recognised for a long time, such as *Harpagophytum*, Meadowsweet and L-carnitine, and more recently ESM and peacock's tail



The MP Labo Mobility range



Cartimax® Active, a multi-dimensional approach to mobility

Key ingredients*: eggshell membrane (ESM), *Padina pavonica*, L-carnitine, *Harpagophytum procumbens*, *Filipendula ulmaria* (meadowsweet), cheese flavour

Use: in dogs, 1 capsule per 10 kg, once a day

Do not use in cats

Packaging: box of 60 capsules

GTIN: 3664499000568



Cartimax® and Cartimax® mini, enhance mobility and reduce joint sensitivity

Key ingredients*: glucosamine sulphate, *Harpagophytum procumbens*, *Filipendula ulmaria* (meadowsweet), mineral elements, methyl-sulphonyl-methane

Use: Cartimax®: 1 capsule per 10 kg once a day

Cartimax Mini®: 1 capsule per 4 kg once a day

Presentation: box of 50, 150 or 300 capsules, display of 1020 capsules for Cartimax®, box of 50 capsules for Cartimax Mini®

GTIN: 3401176919412 / 3401178109439 / 3401179399679 / 3664499000025 / 3401145827373



Glycosane®, to support cartilage simply and easily

Key Ingredients*: glycosaminoglycan and type II collagen complex, silica

Use: 1 capsule once a day up to 40 kg

Presentation: box of 30 or 100 capsules

GTIN: 3401173689677 / 3401175344086

***For the full composition, please refer to the product label**

1. Vasiliadis HS & Tsikopoulos K. Glucosamine and chondroitin for the treatment of osteoarthritis. *World J Orthop.* 2017, 8(1):1-11.
2. Li G. et al. The Impact of Trace Elements on Osteoarthritis. *Front Med (Lausanne).* 2021, 8:771297.
3. Carbonare L. et al. Methylsulfonylmethane enhances MSC chondrogenic commitment and promotes pre-osteoblasts formation. *Stem Cell Res Ther.* 2021;12(1):326.
4. Huang TH et al. Harpagoside suppresses lipopolysaccharide-induced iNOS and COX-2 expression through inhibition of NF- kappa B activation. *J Ethnopharmacol.* 2006, 104(1-2):149-55.
5. Katanić J. et al. In vitro and in vivo assessment of meadowsweet (*Filipendula ulmaria*) as anti-inflammatory agent. *J Ethnopharmacol.* 2016, 193:627-636.
6. Shi Y et al. Avian Eggshell Membrane as a Novel Biomaterial: A Review. *Foods.* 2021 Sep 14;10(9):2178.
7. Cánovas F et al. Randomized Clinical Trial to Analyze the Efficacy of an Eggshell Membrane Dietary Supplementation in the Concomitant Treatment of Osteoarthritis in Dogs. *World J Food Sci Technol.* 2023;7(3):41-47.
8. Varney JL et al. Utilisation of supplemented L-carnitine for fuel efficiency, as an antioxidant, and for muscle recovery in Labrador retrievers. *J Nutr Sci.* 2017 Apr 3;6:e8.
9. Minetti M et al. *Padina pavonica* Extract Promotes *In Vitro* Differentiation and Functionality of Human Primary Osteoblasts. *Mar Drugs.* 2019 Aug 15;17(8):473.