

An aerial photograph of a pond in a dense forest. The pond is roughly circular, with a dark blue center and a ring of green lily pads and pink flowers around it. The surrounding forest is lush and green.

A COMBINATION OF CELL REGENERATION SUPPORT  
AND LUBRICATING BENEFITS

**Remend<sup>®</sup> 0.75**

**Time for regeneration**

A unique patented innovation to lubricate eyes and support healing  
of superficial corneal conditions in cats, dogs, horses and exotic pets.



# Use cross-linking to your advantage now

Hyaluronic Acid (HA) is a naturally occurring substance in humans and animals and plays a key role in hydration, tissue lubrication and healing processes. But naturally occurring HA tends to be rapidly degraded<sup>(1)</sup>.

## THE ADVANCED EYE DROPS WITH BIOHANCE™ TECHNOLOGY

Our patented BioHance™ technology makes the HA further processed and bioengineered with advanced covalent bonding techniques that create a unique molecular matrix of cross-linked HA.



Remend® 0.75 is exclusively formulated with our BioHance™ technology that enhances its residence time<sup>(2)</sup> and benefits.

With this technology, Remend® 0.75 produces a molecular scaffolding with unique physical and chemical properties providing enhanced hydration<sup>(2)</sup>, accelerated natural healing processes<sup>(3,4)</sup> and extended persistence on ocular surfaces<sup>(2, 4)</sup>.

(1) Kobayashi, T et al (2020) Hyaluronan: Metabolism and Function. Biomolecules 10(11) DOI: 10.3390/biom10111525.

# ADVANCED HEALING SUPPORT AND LUBRICATION

to benefit from a key complement  
for superficial corneal conditions

## UNIQUE FORMULATION

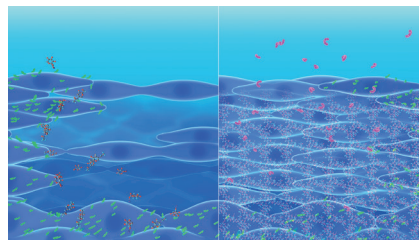
- **BioHance™ cross-linked HA:**  
**0.75% highly concentrated cross-linked HA**  
**for an improved support of corneal healing<sup>(3, 5)</sup>**
- **No preservatives for a better tolerance**

## STRONG POINTS

- **Accelerated healing with a highly-concentrated cross-linked HA**
  - 0.75%: a higher concentration for a stronger benefit
  - 0.75% cross-linked HA acts like a scaffold that creates a healing cocoon enabling a better, more stable protection of the corneal defect
  - Higher HA concentration increases reepithelialisation rate<sup>(5, 5)</sup>
- **Improved residence time<sup>(2, 4)</sup>**
  - Better mucoadhesive properties of the concentrated cross-linked HA compared to linear HA
  - More stable than linear HA, it lasts 2-5 times longer than traditional artificial tears
  - Broader coverage of the ocular surface
- **Comfort for pets and pet owners**
  - The cross-linked HA creates a sheer thin film without blurring the vision, unlike linear HA<sup>(6)</sup>
  - Preservative-free to avoid irritation or stinging sensation<sup>(7)</sup>
  - The improved residence time allows for less frequent applications<sup>(6)</sup>

## SUPPORTED BY A CONTROLLED STUDY IN DOGS AND CATS<sup>(5)</sup>

Closure of corneal defects were accelerated when administered three times daily as compared to the standard linear HA of the market, in addition to a topical antibiotic treatment.



Improved support of corneal healing

## HOW TO USE

- 1 Simply apply 1 to 2 drops directly onto the affected eyes.
- 2 The natural movement of the eyelid will distribute Remend® 0.75 over the ocular surface.
- 3 Apply a minimum of 2 times daily until corneal reepithelialization is achieved.

Remend® 0.75 can be used for superficial corneal conditions where protection and healing support may be beneficial.

- **Volume 3 ml**
- **Store at ambient temperature**



## CORNEAL HEALING SUPPORT

- A highly concentrated (0.75%), patented, cross-linked hyaluronic acid
- Supports corneal healing
- Soothes the ocular surface
- Preservative-free for a better tolerance

(2) Montiani-Ferreira, F et al (2022) Fluorometric evaluation of cross-linked vs linear hyaluronic acid eye lubricants. ACVO 2022 Conference poster session.  
(3) Yang, G et al (2010) A cross-linked hyaluronan gel accelerates healing of corneal epithelial abrasion and alkali burn injuries in rabbits. Veterinary Ophthalmology 13(3):144-150.  
(4) Plummer, CE et al (2022) Evaluation of topically applied cross-linked hyaluronic acid (Remend®) on the ocular surface of clinically healthy dogs. ACVO 2022 Conference poster session.  
(5) Williams, DL (2017) Topical Cross-Linked HA-Based Hydrogel Accelerates Closure of Corneal Epithelial Defects and Repair of Stromal Ulceration in Companion Animals. Investigative ophthalmology & visual science 58(11):4616-4622.  
(6) Williams, DL et al (2013) A crosslinked HA-based hydrogel ameliorates dry eye symptoms in dogs. International Journal of Biomaterials 2013;460437.  
(7) Goldstein, MH et al (2022) Ocular benzalkonium chloride exposure: problems and solutions. Eye (London, England) 36(2):361-368.



# DÔMES PHARMA PRODUCTS CONTAINING THE BIOHANCE™ TECHNOLOGY

An advanced and patented bioengineering technology with highly concentrated cross-linked HA for a long-lasting ocular persistence<sup>(2, 4)</sup>.



## CORNEAL HEALING SUPPORT

to support cellular regeneration in the management of superficial corneal conditions

## OCULAR PROTECTOR

to provide lubrication and hydration to dry or irritated eyes



As an international reference in ophthalmology, Dômes Pharma is committed to providing veterinarians, nurses, and pet owners with:

- An extensive range of innovative ophthalmic products, from daily care and prevention to diagnostics and therapeutics
- Our teams' scientific and technical expertise
- A broad range of services, including disease management guidelines and innovative educational experiences.



For more information, please visit our website or contact us : [info.canada@domespharma.com](mailto:info.canada@domespharma.com)

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