An advanced and patented bioengineering technology with cross-linked hyaluronic acid for an extended duration on the ocular surface[1,2]


BIOHANCE
CROSSLINKED HA

## CORNEAL SUPPORT

**to provide intense lubrication to support the cornea**


## OCULAR PROTECTOR

**to provide lubrication and hydration to dry or irritated eyes**


## OCULAR PROTECTOR

**to provide lubrication and protection during situations of sedation, anesthesia or corneal exposure**

EYE EXPERTS

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

- An extensive range of innovative ophthalmic products.
- Our teams' scientific and technical expertise.
- A broad range of services, including guidelines and innovative educational experiences.

For more information, please visit our website or contact us: info.canada@domespharma.com

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## OCRY-GEL™

**Lubricates and protects the eye in situations of sedation, anesthesia or corneal exposure**

## REMEND™ 0.4


**Prolonged hydration and lubrication for dry and irritated eyes**

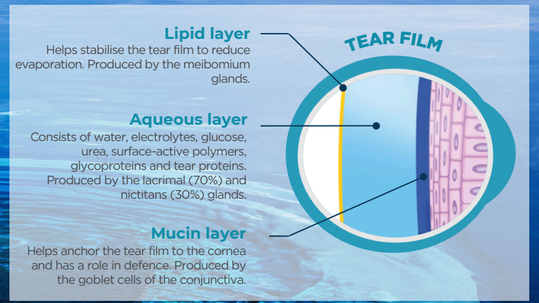
## REMEND™ 0.75

**Provides intense lubrication to support the cornea**


DÔMES PHARMA

# BENEFITS OF LUBRICANT PRODUCTS FOR THE DIFFERENT LAYERS OF THE TEAR FILM[3,4]

| | LIPID LAYER | AQUEOUS LAYER | MUCIN LAYER |
|---|---|---|---|
| Carbomer | + | ++++ | ++ |
| Hyaluronic Acid | + | ++ | ++++ |




# REMEND™ PRODUCTS ARE THE ONLY OCULAR PROTECTORS WITH BIOHANCE™ TECHNOLOGY

BIOHANCE CROSSLINKED HA

Hyaluronic Acid (HA) is a naturally occurring substance in humans and animals, and plays a key role in hydration and tissue lubrication. But naturally occurring HA tends to be rapidly degraded.[5]
Our patented BioHAnce™ technology enables to chemically modify the HA to obtain cross-linked HA, which is more resistant to natural degradation, while providing an ideal environment to enhance hydration, and lubrication.

## REMEND™ 0.4

### SUPPORTED BY A CONTROLLED STUDY IN DOGS

Significant improvement of ocular irritation was shown when administered twice daily.[6] Additionally, the cross-linked HA outperformed a standard lubrication product containing 0.3% linear HA when administered 3 times daily.[7]

## REMEND™ 0.75

### SUPPORTED BY A CONTROLLED STUDY IN DOGS AND CATS[8]

Cross-linked HA BioHAnce™, used three times daily, provides optimal corneal support compared with linear HA, in addition to topical antibiotic treatment.


(1) Montiani-Ferreira, F et al (2022) Fluorometric evaluation of cross-linked vs linear hyaluronic acid eye lubricants. ACVO 2022 Conference poster session.
(2) 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.
(3) Slatter's Fundamentals of veterinary ophthalmology (2013). 5th edition. Maggs, D.J., Miller, P.E and Ofri, R. Lacrimal system. Chapter 9. 165-183p.
(4) Gelatt, K.N. (2021). Veterinary Ophthalmology. 6th edition. Ben-Shlomo, G.B. et al. Volume one. Chapter 3: Physiology of the Eye. 124-167p.
(5) Kobayashi, T et al (2020) Hyaluronan: Metabolism and Function. Biomolecules 10(11) DOI: 10.3390/biom10111525.
(6) Williams, DL et al (2013) A crosslinked HA-based hydrogel ameliorates dry eye symptoms in dogs. International Journal of Biomaterials 2013;460437.
(7) Williams, DL; Mann, BK (2014) Efficacy of a crosslinked hyaluronic acid-based hydrogel as a tear film supplement: a masked controlled study. PLoS ONE 9-6:e99766
(8) 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.
(9) 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.


# A COMPLETE RANGE TO ACT ON DIFFERENT LAYERS OF THE TEAR FILM[3,4]

## CORNEAL PROTECTION AND DEFENCE

**Physiological care, lubrication and protection of the eye during and after general anesthesia, sedation or corneal exposure**

### FORMULATION

- Carbomer-based gel (Carbopol 980 NF)*

*A water dispersible polymer that can retain over 500 times its weight in water

### OCRY-GEL™


10 g

### STRONG POINTS

- Ergonomic nozzle
- No white streaks upon drying
- No leaking from the eye once applied

### HOW TO USE

- 0.5-1 cm spread over the eye surface on average twice a day or as necessary

## ADVANCED LUBRICATION, EASE AND COMFORT

**Lubricate and hydrate in case of dry or irritated eyes**

### UNIQUE FORMULATION

- BioHAnce™ cross-linked Hyaluronic Acid: 0.4%
- Preservative-free

### REMEND™ 0.4


BIOHANCE CROSSLINKED HA

10 ml

### STRONG POINTS

- Cross-linked HA was shown to help stabilise the tear film and improve lubrication and hydration[1,6]
- Better mucoadhesive properties compared to linear HA[1,2]
- Lasts 2-5 times longer than traditional artificial tears[1,2]
- Broad coverage of the ocular surface
- The improved residence time allows for less frequent applications[6]

### HOW TO USE

- Apply 1 to 2 drops directly onto the eyes 2 times a day

## INTENSE LUBRICATION

**To support the cornea**

### UNIQUE FORMULATION

- Highly concentrated BioHAnce™ cross-linked Hyaluronic Acid: 0.75%
- Preservative-free

### REMEND™ 0.75

BIOHANCE CROSSLINKED HA


3 ml

### STRONG POINTS

- The high concentration of HA (0.75%) in Remend™ 0.75 helps provide an environment that facilitates the migration and multiplication of epithelial cells[8,9]
- Better mucoadhesive properties compared to linear HA[1,2]
- Lasts 2-5 times longer than traditional artificial tears[1,2]
- 0.75% cross-linked HA acts like a scaffold that enables a broad and long-lasting coverage of the ocular surface[1,2]
- The improved residence time allows for less frequent applications[6]

### HOW TO USE

- Apply 1 to 2 drops directly onto the eyes 2 times a day