



A DÔMES PHARMA COMPANY



New Product!

Oculenis™ XL
0.75% Corneal Repair Gel
with BioHance™ Cross-Linked Hyaluronic Acid

- New larger, easier to dispense 10 mL bottle size, 3.3x more volume for 1.7x the price
Ideal for cases requiring more frequent application of repair gel or for large animal cases
Used in scientific abstract presented at ACVO 2023 by Dr. Lionel Sebbag
Manufactured by Sentrx Animal Care in Salt Lake City, Utah.

Learn more at sentrxanimalcare.com/learnmore

For additional information about Oculenis™ XL, see reverse side.

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BioHance™ technology uses advanced bioengineering to create a molecular matrix of cross-linked hyaluronic acid. Cross-linked HA creates a cellular scaffolding with unique physical and chemical properties that extend lubrication 2-5x longer than traditional HA drops(2,3) and accelerates the bodies own healing process by up to 50%(4,7).



## Backed by Science

Sebbag L, Ortaeskinaz E, Goncharov Y, Ofri R, Arad D. Cross-linked hyaluronic acid enhances tear film concentrations of cefazolin sodium in canine eyes. Abstract, Annual congress of the American College of Veterinary Ophthalmology, 2023.

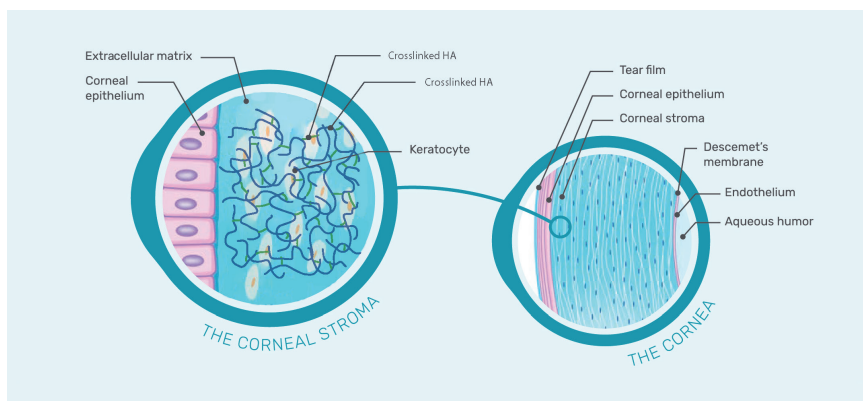
FLUOROMETRIC EVALUATION OF CROSS-LINKED VS LINEAR HYALURONIC ACID EYE LUBRICANTS (F Montiani-Ferreira, 2 SK Atzet, 1 AD Fankhauser, 1 EK Behan, 1 DJ Haeussler, 3) SentrX Animal Care;1 Veterinary Medicine Department, Federal University of Paraná; 2 Animal Eye Institute; 3

EVALUATION OF CROSSLINKED HYALURONIC ACID GEL DROPS AND THERAPEUTIC COMBINATIONS FOR OPHTHALMIC INFECTIONS (SK Atzet, 1 AD Fankhauser, 1 EK Behan, 1 BK Mann, 1) SentrX Animal Care;1

Montiani-Ferreira, F et al (2022) Fluorometric evaluation of cross-linked vs linear hyaluronic acid eye lubricants. ACVO 2022 Conference poster session.



BioHance™ crosslinked HA creates a matrix that acts as a scaffolding for epithelial cells when applied to the corneal surface. This matrix increases epithelialisation and can help reduce scarring in corneal wounds.



NOTE: Oculenit™ is not a one-for-one substitute of serum. Serum contains factors that can neutralise collagenase activity. Collagenases are enzymes that break the peptide bonds in collagen. They assist in destroying extracellular structures in the pathogenesis of bacteria. Thus in complex cases of infected ulcers serum still may be required. In addition antibiotics are required if an infection is present.

## 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
- Cross-linked HA matrix increases reepithelialisation rate(3, 5)

Improved residence time(2, 4)

- 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
- Preservative-free to avoid irritation or stinging sensation
- The improved residence time allows for less frequent applications

**sentrX** Animal Care [Sentrxanimalcare.com/learnmore](https://www.sentrxanimalcare.com/learnmore)



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1.EVALUATION OF TOPICALLY APPLIED CROSS-LINKED HYALURONIC ACID (REMEND®) ON THE OCULAR SURFACE OF CLINICALLY HEALTHY DOGS (CE Plummer, 1 BC Martins, 2 C Bolch, 3 PS Martinez, 1 Carbia BE, 1) College of Veterinary Medicine, University of Florida; 1 School of Veterinary Medicine, University of California- Davis; 2 Institute for Vision Research, University of Florida; 3

2.FLUOROMETRIC EVALUATION OF CROSS-LINKED VS LINEAR HYALURONIC ACID EYE LUBRICANTS (F Montiani-Ferreira, 2 SK Atzet, 1 AD Fankhauser, 1 EK Behan, 1 DJ Haeussler, 3) SentrX Animal Care;1 Veterinary Medicine Department, Federal University of Paraná; 2 Animal Eye Institute; 3

3. PRECORNEAL RETENTION TIME OF OCULAR LUBRICANTS IN DOGS (L Bedos, 1 RA Allbaugh, 1MM Roy, 1 MA Kubai, 1 L Sebbag 1,2) Iowa State University College of Veterinary Medicine 1; Koret School of Veterinary Medicine, The Hebrew University of Jerusalem 2.

4.Williams DL, Wirostko BM,Gum G, Mann BK. Topical cross-linked HA-based hydrogel accelerates closure of corneal epithelial defects and repair of stromal ulceration in companion animals. Invest Ophthalmol Vis Sci. 2017;58:4616-4622. DOI:10.1167/iovs.16-20848

5.EVALUATION OF CROSSLINKED HYALURONIC ACID GEL DROPS AND THERAPEUTIC COMBINATIONS FOR OPHTHALMIC INFECTIONS (SK Atzet, 1 AD Fankhauser, 1 EK Behan, 1 BK Mann, 1) SentrX Animal Care;1

6.Sebbag L, Ortaeskinaz E, Goncharov Y, Ofri R, Arad D. Cross-linked hyaluronic acid enhances tear film concentrations of cefazolin sodium in canine eyes. Abstract, Annual congress of the American College of Veterinary Ophthalmology, 2023.

7.Montiani-Ferreira, F et al (2022) Fluorometric evaluation of cross-linked vs linear hyaluronic acid eye lubricants. ACVO 2022 Conference poster session.