

PROTECT



Lacri-protect®

Protect the ocular surface

Key Ingredient: 0,2 % carbomer.

Use: lubricate the eye surface.

Directions for use: 1 to 2 drops 2 times a day.

Presentations: box of 10 single doses, display of 110 single doses.

PRESERVATIVE-FREE

Single-dose carbomer

Resealable single dose: use within 12 hours after opening

new



Lacri+®

Doing more for the eye comfort

Key Ingredient: cross-linked sodium hyaluronate 0.4% .

Use : lubricate, moisturize and protect the ocular surface.

Directions for use: 1 to 2 drops 2 times a day.

Presentation : 10 ml multidose bottle.

PRESERVATIVE-FREE

Sterility provided by the tip-seal mechanism and by the multilayer filtration membrane

Long shelf life: 3 months after opening

new

When to use these products:

Lacri-protect®

- single-time or short-term use
- help in restoring tear film thickness
- use as a complement to the management of dry eye syndrome
- protect the ocular surface, thanks to a film-forming effect: during and/ or after anaesthesia, during irritation (wind, pollen, dust, ...) or corneal exposure

Lacri+®

- medium- and long-term use
- multiple actions on the tear film: quality, stability
- use as a complement to the management of dry eye syndrome
- use in addition to medical treatments promoting corneal cells regeneration

CLEAN



Phytobiovet® cleansing discs

Simply clean the eye area and preserve the epidermis

Key ingredients: organic cornflower water, aloe vera.

Use: hydrate, soothe and regenerate the fragile skin around the eyes. Made from 100% biodegradable and compostable organic cotton.

Presentation: jar of 30 impregnated discs.



Lacrynet®

Clean and calm the eye area

Key ingredients: cornflower and rose waters, boric acid.

Use: cleanse, decongest and soothe the eyelids and eye area.

Presentation: 145 ml bottle.



Phytobiovet® cleaner for the eyes

Clean naturally

Key ingredients: organic cornflower, rose and chamomile waters.

Use: gently clean the eye area.

Presentation: 100 ml bottle.

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A new eye
on veterinary ophthalmology



Lacri+® & Lacri-protect®, a new range of preservative-free eye protectors.



Protect the eyes with the safety of preservative-free formulas



Innovate with new presentations to ensure products' sterility



Improve eye comfort through a patented technology of cross-linked sodium hyaluronate

new **PRESERVATIVE FREE**



www.mplabo.com

Lacri-protect®, protect the ocular surface

Carbomer

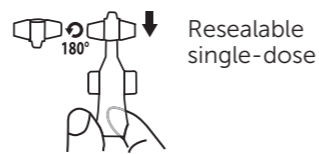
A synthetic polymer of polyacrylic acid with moisturizing and film-forming properties:

- High binding power to water: ability to retain **more than 1000 times their volume in water**¹.
- Interaction with the mucins, allowing to **stay on the ocular surface without flowing**².
- Improve the **quality** of the tear film.



the + benefits

- Tolerance** - formulation without preservative to bring ocular comfort and limit complications.
- Innovation** - resealable single-dose to guarantee sterility.
- Accuracy** - pipette to facilitate the application of a precise and controlled drop.
- Practicality for the owner** - a single-dose of carbomer reusable 12 hours after opening.
- Flexibility in your recommendation** - available in box of 10 single-doses or in display of 110 single-doses.



Resealable single-dose



Lacri+®, doing more for the ocular comfort

Cross-linked sodium hyaluronate

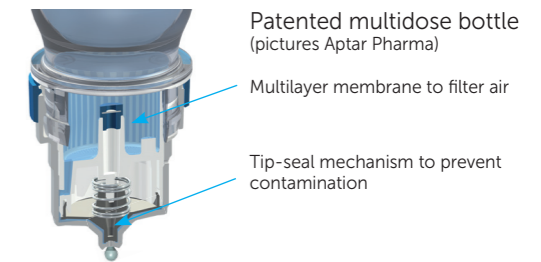
A naturally occurring molecule found in the vitreous body with viscoelastic and mucomimetic properties that are improved by the cross-linking technology:

- Lubrication and hydration** properties of the ocular surface **increased** with urea⁵.
- Extended contact time** on the ocular surface thanks to the covalent crosslinking technology⁶.
- Ability to repair** corneal epithelial cells.



the + benefits

- Tolerance** - formulation without preservative to bring ocular comfort and limit complications.
- Innovation** - a patented device to guarantee the sterility during the use.
- Accuracy** - delivery of a calibrated drop.
- Comfort and persistence** - cross-linked sodium hyaluronate for an excellent ocular protection.
- Shelf life** - 3 months after opening.



Patented multidose bottle (pictures Aptar Pharma)

Multilayer membrane to filter air

Tip-seal mechanism to prevent contamination

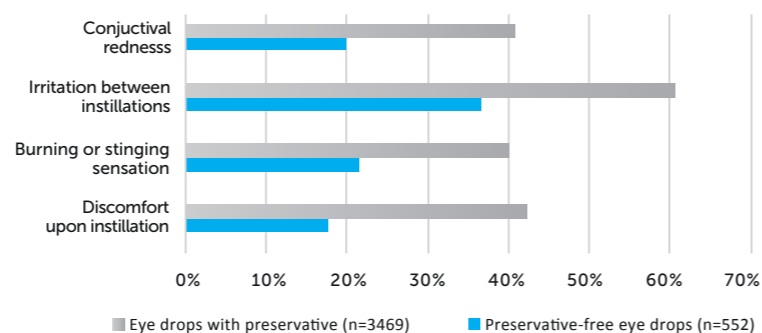


Lacri+® and Lacri-protect®, a range preservative-free eye protectors.



“Frequent use of preservatives tends to weaken the ocular surface, making it susceptible to develop inflammatory reactions, more or less chronic, and that can be serious in the long term³.”

Use of preservative-free eye drops decreases the frequency of discomfort in humans⁴



Lacri+®, new cross-linking technology.

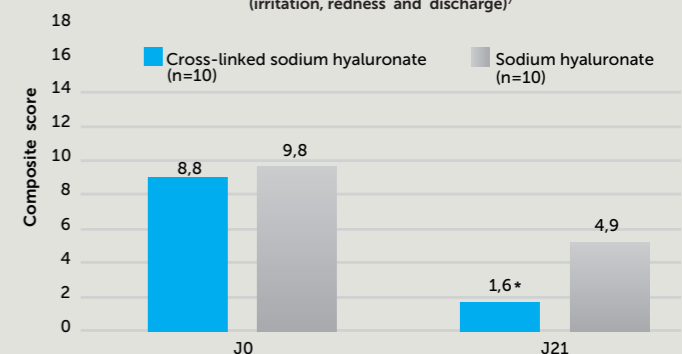
What is cross-linking?

A modification of sodium hyaluronate structure by creating transversal bounds to obtain a three-dimensional polymer.

What are the interests of cross-linking?

- Greater stability** and resistance to enzymatic degradation: increases contact-time on the ocular surface⁶.
- Improvement in the health parameters of the ocular surface:** irritation, redness and discharge significantly improved with cross-linked sodium hyaluronate versus native sodium hyaluronate⁷.

Cross-linking significantly improves the comfort provided by sodium hyaluronate in case of dry eyes, by reducing the composite score (irritation, redness and discharge)⁷



* Statistically significant difference on the composite score between the cross-linked sodium hyaluronate group and the sodium hyaluronate group, p = 0,0003

**CURRENT RECOMMENDATIONS FOR HUMANS:
REMOVAL OF PRESERVATIVES IS FUNDAMENTAL IN CASE OF DRY EYE².**

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