

# LUXYAL<sup>®</sup>



**PLUS**  
EYE DROPS



## STATE OF THE ART TEAR PRODUCT

A new tear substitute to relieve  
symptoms of mild to moderate dry eye



**NOVAX<sup>®</sup>**  
PHARMA

# LUXYAL®



**PLUS**  
EYE DROPS

## FOR THE RELIEF OF SYMPTOMS ASSOCIATED WITH DRY EYE

MEDICAL DEVICE  
CLASS II B



- ✓ **HIGH LUBRICATING POWER**  
*Stabilises the lachrymal film*
- ✓ **HIGH VISCOSITY POWER**  
*Long-lasting effect, improved vision quality*
- ✓ **HIGH MUCOADHESIVITY ACTION**  
*Bioadhesive to the corneal epithelium*
- ✓ **A SAFE BIODEGRADABLE PRESERVATIVE**  
*Absence of epithelial toxicity, preservative-free in the eye*
- ✓ **COMPATIBLE WITH ALL TYPES OF CONTACT LENSES**

LUXYAL®*PLUS* is a lubricating ophthalmic solution, containing Sodium Hyaluronate extracted from a fermentation process (not from animal origin), associated to P-Plus, a filmogenous polymer that provides an optimal and prolonged comfort.

This association increases the efficacy of the Sodium Hyaluronate and optimises the viscoelastic properties of LUXYAL®*PLUS* eye drops.

### SODIUM HYALURONATE 0,30%

- Sodium Hyaluronate is a highly hydrophilic physiological polymer.
- Sodium Hyaluronate provides LUXYAL®*PLUS* with biophysical properties similar to those of natural tears.
- Sodium Hyaluronate has an optimum molecular weight.

### ELECTROLYTES

- The presence of electrolytes (Ca<sup>++</sup>, Mg<sup>++</sup>, K<sup>+</sup>, Cl<sup>-</sup>, Na<sup>+</sup>) helps keep the surface of the eye in good physiological condition.

### P-PLUS™

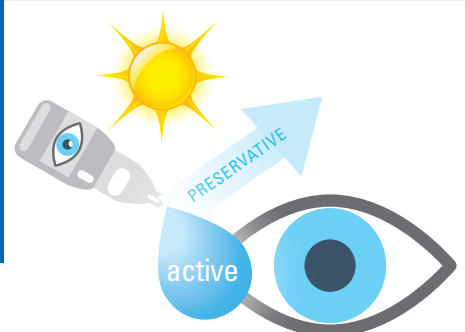
- P-PLUS™ has filmogenous, bioadhesive and lubricant properties.
- P-PLUS™ enhances the effectiveness of sodium hyaluronate.
- P-PLUS™ is a substitute for mucin in artificial tears.
- P-PLUS™ improves tear break-up time (TBUT), and symptoms in severe dry-eye patients.

### SCO™ THE ADVANCED PRESERVATIVE TECHNOLOGY (STABILIZED COMPLEX OXYCHLORO)

SCO™ is an oxidative-type preservative and a mixture of chlorine dioxide, chlorite and chlorate. When exposed to light, SCO™ dissociates into components naturally found in the human tears such as sodium chloride, oxygen and water, making it very well tolerated.

What are the benefits of SCO™ :

- SCO™ only remains in its original form when inside the eye drop bottle.
- As soon as it leaves the bottle as part of a drop it reacts with light and rapidly dissipates into components naturally found in human tears such as sodium chloride, oxygen and water, without causing any cellular damage to the ocular surface.
- SCO™ has been shown to be much safer on the ocular surface than those eye drops preserved with other chemical preservatives.
- SCO™ is SAFE, EFFECTIVE, GENTLE and COMFORTABLE.



SCO™ provides  
nothing BUT  
**water, oxygen & natural  
electrolytes to the eyes.**

# THE BEST PERFORMING TEAR IN TERMS OF VISCOSITY AND MUCOADHESIVITY



10 ML



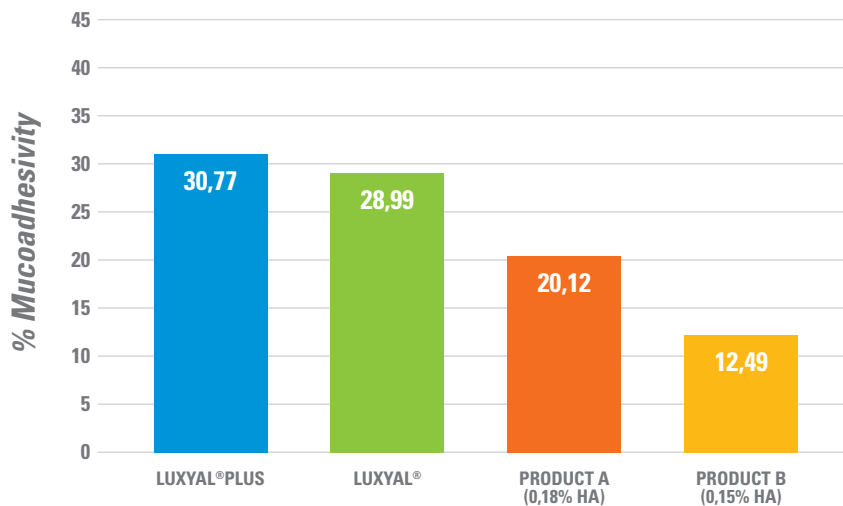
DRY EYE



SCOTM

## In vitro evaluation of mucoadhesivity on reconstructed human cornea-like epithelium and viscosity determination

### Mucoadhesivity effect on ocular tissues\*

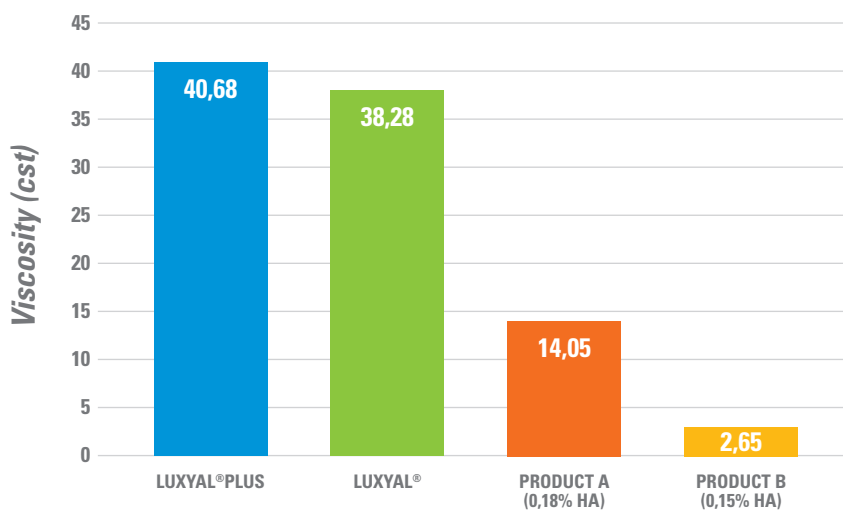


\*The tests are available for consultation in the Novax bibliographic files

**AIM:** The aim of the test is to evaluate the in vitro mucoadhesivity of the tested products.

The results showed that the mucoadhesivity of the sample LUXYAL<sup>®</sup> PLUS is 30.77%, while the one of LUXYAL<sup>®</sup> is 28.99%, both higher than the mucoadhesivity of Product A (20.12%) and of Product B (12.49%).

### Determination of viscosity



LUXYAL<sup>®</sup> PLUS and LUXYAL<sup>®</sup> have a significantly higher viscosity compared to Product A (0,18 % HA) and Product B (0,15 % HA).

*Note: LUXYAL<sup>®</sup> PLUS is a new improved formulation derived from LUXYAL<sup>®</sup>, the original formulation.*

## CONCLUSIONS

**LUXYAL<sup>®</sup> PLUS** has superior properties compared to other existing products on the market. The association of Sodium Hyaluronate and P-Plus<sup>™</sup> not only increases the viscosity of the solution but also improves its mucoadhesivity properties.

MEDICAL DEVICE  
CLASS II B



LUXYAL<sup>®</sup>  
PLUS  
EYE DROPS

MULTIDOSE LUBRICATING  
SOLUTION WITH A BIODEGRADABLE  
PRESERVATIVE SCO™

A NEW TEAR SUBSTITUTE FOR  
THE TREATMENT OF SYMPTOMS  
OF MILD TO MODERATE DRY EYE

## TECHNICAL DESCRIPTION

### COMPOSITION

**Sodium Hyaluronate 0,3%, P-Plus™**, Potassium Chloride, Calcium Chloride, Magnesium Chloride, Sodium Chloride, **SCO™**, in an isotonic buffered solution.

### DESCRIPTION

**LUXYAL® PLUS** is a refreshing and lubricating ophthalmic solution, containing **Sodium Hyaluronate 0,3%**, obtained by fermentation and not of animal origin.

The activity of the **Sodium Hyaluronate** is optimised and prolonged by the synergic action of **P-Plus™**.

**P-Plus™** is a hydro soluble polymer with filmogenous and lubricant properties. The association of **Sodium Hyaluronate and P-Plus™** not only increases the viscosity of the solution but also improves its mucoadhesivity properties.

The presence of **Electrolytes** (Cl<sup>-</sup>, Na<sup>+</sup>, K<sup>+</sup>, Ca<sup>++</sup> and Mg<sup>++</sup>), essential for the cellular biochemical processes, helps to keep the ocular surface in good physiological conditions.

**LUXYAL® PLUS** contains **SCO™** (Stabilised Complex Oxychloro) a special preservative system that keeps the solution sterile in the bottle and once in contact with the eyes, dissipates into components already found in human tears (Na<sup>+</sup>, Cl<sup>-</sup>, O<sub>2</sub>, and H<sub>2</sub>O) so **it is not irritating or toxic** for the ocular mucosa and helps to maintain healthy the epithelial cells.

### INDICATIONS

**LUXYAL® PLUS** provides long and lasting relief in the cases of dry eye sensation, tired eye conditions, associated with itching burning, foreign body ingress and irritation of the eye, caused by pathological or non-pathological conditions associated with external factors such as prolonged exposure to video screens and monitors, air conditioning, air pollution, smoke etc.

**LUXYAL® PLUS is compatible for the use with all types of contact lenses.**

### INSTRUCTIONS FOR USE

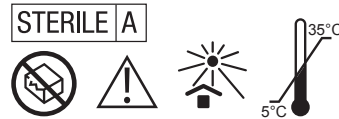
- Wash, rinse and dry your hands thoroughly.
- Make sure the seal is intact.
- To open the bottle, unscrew the top completely to break the safety seal.
- Instill 1 or 2 drops in each eye, as required, or according to the specialist's advice.
- Close the bottle tightly after use.

### WARNINGS

- To prevent possible contamination, do not let the tip of the dropper come into contact with any surface or the eye.
- Do not use in case of specific hypersensitivity towards any of the constituents.
- In some cases, slight sensitivity may cause a brief stinging or irritation on the instillation that disappears after blinking.
- Do not swallow the solution.
- Keep out of the sight and reach of children.
- After the bottle has been opened, the solution must be used within 90 days.
- Do not use after the expiry date.
- If symptoms persist, consult your eye specialist.
- **Do not expose to direct sunlight.**

### STORAGE

- Store between 5 and 35°C and protect from a direct source of light.



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Rev. 22/09/2016

**NOVAX®**  
PHARMA

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