

# lacrifresh<sup>®</sup> ocu-dry




**Relieves the symptoms of slight to moderate ocular dryness**

These eye drops have a **lower concentration of sodium chloride** than the rest of Avizor's drops and therefore a lower tonicity. They are therefore hypotonic.

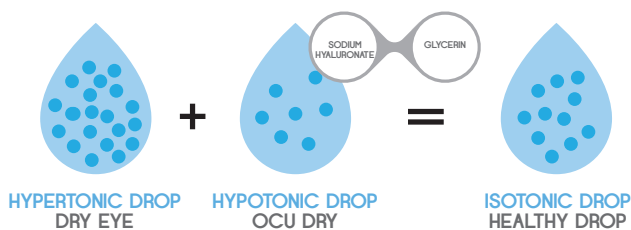
**1** They are designed for people who suffer from slight to moderate dry eyes on an occasional basis and act to alleviate their symptoms

**2** Less Na Cl than the rest of Avizor's drop

**3** Is HYPOTONIC: has a lower osmotic concentration than human tears

**4** Osmotic concentration of 200 mOsm/L

**5** Viscosity: 17-20 cP



## Dry Eye Syndrome

People who suffer from either slight to moderate dry eyes have:

- Have a tear with more concentration of salts due to more evaporation and less tear replacement.
- With an enhanced tonicity: hypertonic tears.
- Need hypotonic eye drops in order to correct this imbalance. The human tears "latch onto" the water in the eye drops, enabling them to become isotonic/balanced.

The drier the eyes, the more hypotonic the eye drops need to be in order to treat them.

The greater the concentration of sodium hyaluronate, the greater the viscosity and therefore the longer the presence on the artificial drop and therefore, the longer the lubricating effect on the eye.

## Technical Data:

Contains a combination of elements which make it effective:

- **Sodium chloride:** gives hipotonicity to the solution.
- **Buffer:** adjusts the pH so that it is similar to that of the eye.
- **Sodium Hyaluronate:** a lubricating agent.
- **Glycerin:** lubricant and viscosizing.
- **Essential electrolytes:** (Cl<sup>-</sup>, Na<sup>+</sup>, Ca<sup>2+</sup>, K<sup>+</sup>, Mg<sup>2+</sup>)

## Formats

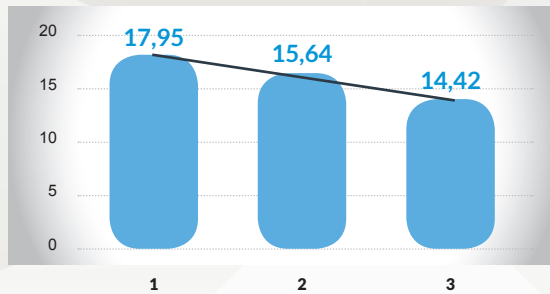
Boxes of 10 Units - 20 x 0.4 ml

# RESULTS:

## OSDI (patients between 13 and 22):

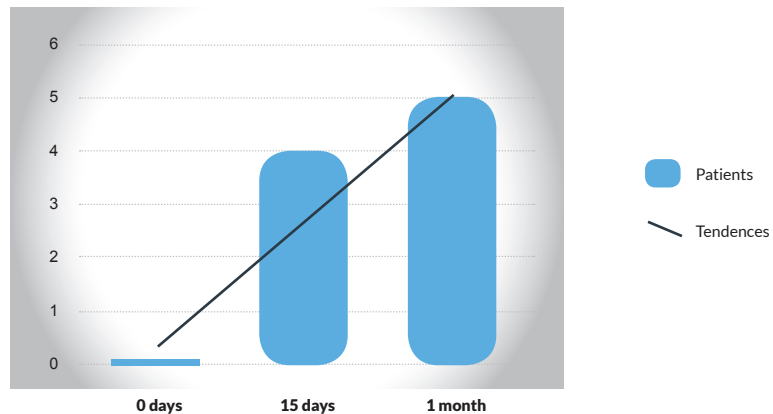
The patients' average scores in the OSDI test went from 17.95 to 14.42 throughout the month of the study.

**AVERAGE SCORE OF OSDI EACH EVERY CHECK VISIT**



Throughout this month, an increase was observed over time in the number of patients whose OSDI values decreased. That is to say, the more time went by, the larger the number of patients whose OSDI values decreased.

**REDUCTION OF SYMPTOMS IN AT LEAST 5 PTS**



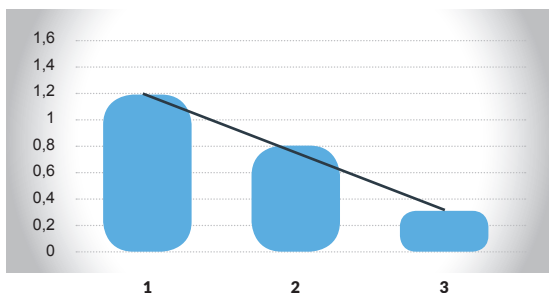
## Corneal Staining:

Over the month where LACRIFRESH OCU-DRY 0.2% was used, control checks showed an increasing number of patients obtaining lower values. The average went from 1.12 in the first visit to 0.31 in the third visit.

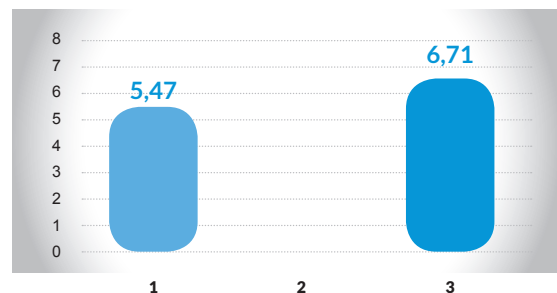
## User satisfaction:

A significant increase in the level of user satisfaction by the subjects after using LACRIFRESH OCU-DRY 0.2% was observed, the average users' scores going from 5.47 to 6.71.

**CORNEAL STAINING**



**USER'S SATISFACTION**



It may be stated that one month after treatment, a significant decrease in corneal staining intensity occurred when LACRIFRESH OCU-DRY 0.2% had been used.

### BUT:

An increase of nearly 6% in tear breakup time was detected and improved tear stability was thus observed.

### SCHIRMER'S TEST:

An increase of just over 9% in tear volume results was observed.

Subjects with mild eye dryness who used LACRIFRESH OCU-DRY 0,2% for one month saw their symptoms improve significantly, as did their level of user satisfaction, intensity of corneal fluorescein staining and bulbar hyperaemia.