

NACLENS SALINE SOLUTION

Saline solution for all type of soft contact lenses

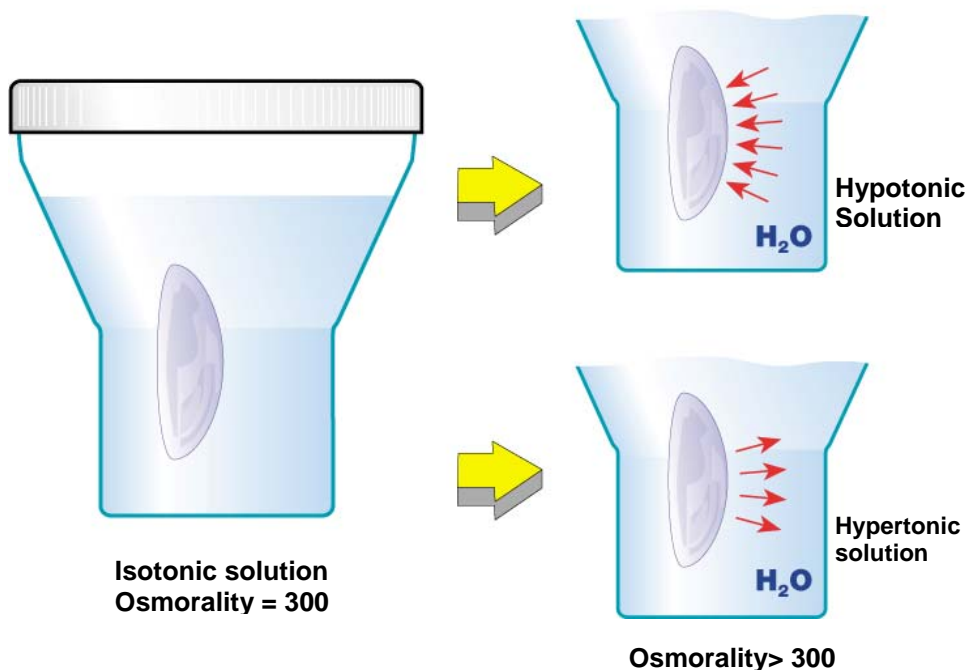
Naclens is an isotonic saline solution that is used to rinse and remove from the contact lens all possible particles of dust or make-up that may have been left on the surface after the disinfection and cleaning process.

Naclens saline solution can also be used in enzymatic cleaning to dissolve protein-remover tablets.

It is known that the pH and tonicity (concentration of sodium chloride, NaCl) cause considerable changes to the parameters of contact lenses (diameter, radius and thickness).

According to Osmotic Theory, hypotonic solutions (with a concentration of NaCl below 0.9%) and pH over 8.0 increase the dimensions of soft lenses, whereas hypertonic solutions (higher concentration of NaCl) reduce these measurements.

OSMOTIC THEORY



It is very important that saline solutions, and in general any solution that comes into contact with the eye, have the same pH and tonicity as the tear.

Therefore Naclens saline solution has a pH of 7 and an NaCl concentration of 0.9% to allow the contact lens to stabilize in the eye and to avoid changes in the lens parameters that might lead to blurred vision in the moments after the lens has been put in.

The product contains a new generation preservative (Polyhexamethylene biguanide) and contains no thimerosal or chlorhexidin.

The clinical and primary eye tolerance studies confirm the excellent tolerance of the formula:

- In the eye tolerance test the product is classified as non-irritating, with a mean index of zero for the conjunctiva, iris and cornea.
- The clinical study of thirty patients at five optician's demonstrated the high level of acceptance of the product. The 30 patients who used the product for 3 months considered it very comfortable or acceptable. None of the users considered it irritating or slightly irritating.