

Contact lenses are thin, curved, transparent discs, usually 12 to 14 mm diameter, which apply to the front surface of the eye (ie the cornea) to fix, like eyeglasses, eyesight in people with refractive errors, ie myopia, hyperopia, astigmatism and presbyopia (optical lenses). The last years have shown rapid development and are a good remedy, which, if implemented properly, assures good vision.

Indications for use of contact lenses

To properly implement a lens should have a curvature similar to that of the particular cornea. Commonly, each lens is made in two or three curvatures, although there are lenses of a (single) curvature.

There are also lenses that can be used for a day, a week, two weeks, one month, three months and one year. There are also lenses that can be worn during sleep, but not recommended except in special cases.

Finally, there are contact lenses for special occasions, such as colored lenses to change eye color, therapeutic lenses for healing wounds or ulcers of the cornea, the lens keratokonikoi applicable in corneas with keratoconus and orthokeratiko lenses, applied to eyes with relatively small myopia during the night, to temporarily eliminate during the next day.

Contact lenses specifically indicated:

To all the people who have refractive vision disorders such as Myopia, Hyperopia and Astigmatism.

To all the people who want aesthetic change the color of their eyes. (COLOR CONTACTS LENSES, refractive either corrected or uncorrected)

In treating injuries cases -protection cornea as after certain ophthalmic surgical procedures.

At high ametropias with powers (& aphakic) and anisometropia

In keratoconus and generally irregular astigmatism

In corneal inflammation and scarring

In postoperative ocular events

To protect against dry eye, foreign body (and indigenous) and co eyelid after burn.

For protection from ultraviolet and other radiations

In case of intolerance of the spectacles (even for aesthetic reasons)

For sports and other social activities where glasses disturb or hinder.

Relative contraindications for contact lenses

Most people who wear eyeglasses, can successfully use and contact lenses. But there are people who are not suitable, as you have dry eyes, frequent infections or allergies and those working in a dry environment with fumes or dusty.

Contact lenses are not indicated:

- In diseases of anterior eye (conjunctivitis and keratitis primarily).
- In diabetes (refractive instability, brittle cornea prone to infections)
- In hyperthyroidism (exophthalmos-reduced and incomplete blinking)
- In oral herpes
- In acne (staphylococcal skin infections)
- In rheumatoid arthritis (dry eye-Sjogren-corneal lesions syndrome)
- In-dry skin eczema and psoriasis (the latter for neurological reasons)