

High European Standards  
*in production*



**ERC SAĞLIK®**  
since 2000

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## About Us

ERC Health was established in 2000, which has adopted a customer-oriented service approach in the field of health in our country, pioneered quality production by being among the firsts of the sector related to ophthalmic products in Turkey, and also exports its products to many countries in the world.

With the aim of creating respected brands on a world scale, as well as the fact that our age is the age of speed, communication, and learning the most and quickly, with its experienced and expert team growing day by day, in line with the demands of the sector, in addition to production, biomedical solutions and prosthetic eye production.

While always basing on the principles of customer satisfaction, quality, trust and efficiency, we are constantly renewing ourselves with a recycling system above world standards by applying extremely strict quality control standards in all areas we operate. We will continue to walk confidently towards our goal of becoming one of the leading global powers in the field of health.

## Products

Being one of the leading ophthalmology companies in Turkey, our products include Phacoemulsification as a Device Group, Operating Microscopes, Indirect Ophthalmoscopes, Projection Charts, Chart Projectors, Autorefractometers, Javal Keratometers, Digital Phopters, A/B Scan Biometries, Applanation Fields, Visual Tonometers Lensmeters, Pupilmeters, Ophthalmoscope and Retinascopes, Pachymeters, Trial Lens Set and Trial Frames, Skiascopy Rulers, ENT Examination Microscopes, Ophthalmic Units, Vitrectomy Probes, Technical Service, PMMA IOL Lenses as Consumables Group, Hydrophobic Lenses and

Hydrophilic Foldables Lens Fold Cartridges, Viscoelastics, Viscoelastics, Methylcelluloses, MVR, Cressent, Slit Blades, Cannulas, Sponges, Drapes, Fluorescein Paper, Shimer Test Papers, Ophthalmic Angle Blades, Ophthalmic Sutures, Trypanic Tubes, Silicones, Punktum , decalin As the Ophthalmic Surgical Instrument Group. As the Contact Lens Group, we have a wide range of product lines such as Transparent, Colored Moisture Contact Lenses and Plano Contact Lenses, Pediatric Contact Lenses, Toric Lenses, Bifocal Contact Lenses, Contact Lens Solutions.





## Schirmer Test Strip

Schirmer Test is used for measuring teardrop secretion. Measurement is done via a special filter paper that is put in between lower eyelid and eye and 1/3 outer space of the eye. If the measurement done after 5 minutes is less than 5 mm, it is evaluated as dry eye, if more than 10 mm as normal. It provides information regarding basal and reflex secretion of tears.

**Schirmer Test Strip is used in situations such as:**

- > Climate, especially cold and windy weather
- > Allergies
- > Infections
- > Congested teardrop canals
- > Complications deriving from dry eyes
- > Eye irritation



## Fluorescein Sodium Strip

Fluorescein strips are 1 mg and approximately %10 is used for patients. It is a material used for placing contact lenses and determine if they have air inside. Under fluorescein microscope, ray application is done on prepreates with short wave light and long wave light emission (fluorescein) due to certain structures and paints is observed. Towards this purpose, long wave ultraviolet (UV) light or blue violet light is used. At first, natural fluorescein on which samples spread is observed, later prepreates without fluorescein are marked with fluorescein paint and analysed under microscope.



## Lissamine Green Test Strip

Lissamine Green, paints ocular surface epithelial cells and also damaged cells. Besides this, it does not inhibit invivo viral replication. Ocular surface painting is used for evaluation of critical dry eye disease. In order to evaluate Lissamine Green conjunctival painting, it is used gradually more. It is used optimally with %1 1g for ocular surface painting in dry eye disease in order to improve eye quality.



## Eye Replacement

### Custom Made Eye Replacement Manufacturing Processes

As Erc Saglik Urunleri, our first step of process is general examination of eye socket by our expert and taking fitting mould of eye socket. Mould is first exemplified by a plastic material and then it is turned into wax mould. Replacement's eyelid level is determined in this period. It is partially possible to lift low-looking eyelid level by making the replacement bigger. Replacement can be made bigger as long as eyelids close. For artificial eyes natural mobility, determining factors are existence of eye muscles and structure of the eye socket. If the conditions are suitable, it is possible to reach a very good mobility level for the replacement.

After this, exterior apperance colours and veins are done. Wholeness of the replacement is completed. Polishing of the replacement is done. When polishing is also completed it is fitted to the patient and evaluated fort he last time. If no changes are necessary, replacement is handed to the patient. This procedure consists of 3 or 4 rehearsals.



## Conformer (Place Holder)

In order for the eye in which acrylic sphere was placed after eye sphere was removed not to stick to conjunctiva and in order for eye socket not to shrink conformed is placed. This is a both time efficient and cost efficient option. It has atraumatic and its surface is polished. Sizes are Small-Medium-Large and it is made compatible to right-left eye. It can be custom made according to the individuals needs. Manufactured as individual sterile packages.



## Enucleation Implant

In some surgeries whole orbita, in other words eye sphere, sclera and eye muscles are removed. In order to fill empty volume and create more mobility by connecting muscles, implant is used. In order to increase replacements mobility and prevent it to collapse on top side, mouth part is narrow. Sizes are from 12mm to 22mm. Manufactured as individual sterile packages.

## Sphere (Orbital Implants)

In adults, average orbita volume is around 30 ml. And eye volume is 6-7 ml. When eye is removed, there would be %25-30 decrease in orbita volume. When it is considered that an average replacement's volume is 2-2,5 ml, there would be a left 3,5-4 ml absence. Thus, it is an implant type to be placed in the orbita to compensate the volume loss and ease weight to be lifted by lower lid by lowering replacement weight. Mostly used implants are acrylic. Important part about this implant is that polymerization should be complete and surface should be as smooth as possible.

Their sizes are from 12mm to 22mm. They are produced in sterile individual packages.



## Symblepharon Ring

Symblepharon rings are designed to prevent retraction of the conjunctival cul-de-sacs without touching the cornea.

### Main characteristics :

- > Made of PMMA
- > Translucent
- > Sterile



## Suction Holder For Eye Replacement

For hygiene purposes and because of dust, eye replacement should be used with replacement holder. Please avoid touching your replacement with your hand as much as possible. With replacement holder, you can place and remove your replacement in an easier fashion.



## Trial Frame And Trial Lens Set

