



OCULAR PROSTHESES

from start to finish on a customer-by-customer basis



SILMÄPROTEESIT

Lehto & Sohlberg Oy

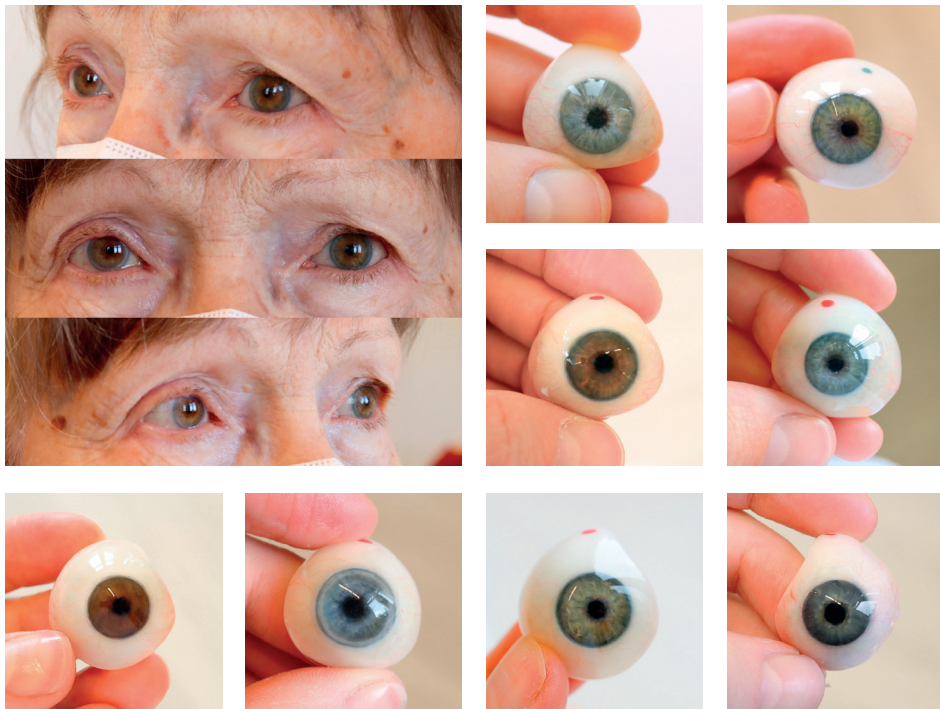
ISODENT

We manufacture, maintain and repair individual plastic eye prostheses

We manufacture prostheses individually using new modern techniques and traditional, proven manufacturing methods. We keep track of new technology solutions and upgrade to the best technologies.



**Individual, like yourself –
down to the smallest detail.**



Instructions for the user of the eye prosthesis

Our custom-made eye prostheses are easy to maintain and easy to use. The prosthesis' shape and colours make it look like a healthy eye, down to its smallest detail. We manufacture our own individual eye prostheses from acrylic plastic. Plastic prostheses have the advantage of being malleable, durable and safe. Plastic eye prostheses can be used by all ages, including babies.

The first fitting of the prosthesis is done approximately four weeks after the eye removal or whenever the treating physician so recommends. We also make shell prostheses to protect the blinded eye. Eye prosthesis preparation takes about two working days including all steps. In general, customers undergo 4-6 fitting sessions at the prosthetic workshop during this time. On a case-by-case basis, the prosthesis can also be manufactured in one day.

Usage

The eye prosthesis is safe and easy to use. The prosthesis protects the eye socket from dehydration and prevents the edge of the eyelid with eyelashes from turning inside the socket. The prosthesis also supports the eyelids.

How is the prosthesis used?

- eye prostheses can be kept in the eye socket at all times, even when sleeping. In this case, they are only removed for cleaning
- they can be used normally in the shower and sauna
- swimming glasses should be worn when swimming, especially when diving
- vigorous rubbing should be avoided, especially outwards, as such movement may turn the prosthesis into the wrong position
- excessive stretching of the lower eyelid may cause the prosthesis to protrude from the eye socket

Cleaning

In the beginning, the eye prosthesis should be cleaned daily, whereby you will also get used to putting it on and taking it off. Later, the prosthesis is washed only as needed.

How do you clean a prosthesis?

- wash with water and liquid soap
- do not use brushes as they scratch the surface of the prosthesis
- the surface of the prosthesis can be disinfected at home (e.g., Neo-Aminept)
- the prosthesis is always rinsed at the end with drinking water
- artificial tear drops should be used with the prosthesis, especially if the eye socket dries easily

“

We recommend that you contact your doctor as soon as possible if you notice any inflammation, bruising or other abnormalities in your eye socket.

Polishing

The eye prosthesis is cleaned and polished mechanically in our workshop, while the customer waits. The visit will take about 30 minutes. The prosthesis can also be sent by post for polishing.

When should I book a prosthesis polish?

- the surface of the prosthesis does not feel slippery
- the prosthesis is scratched or cracked
- roughness under the eyelids
- the surface of the prosthesis has become cloudy
- there is a marked increase in lacrimation or bruising

“

We recommend booking a prosthesis polishing appointment once a year. At the same time, the fit and calm general appearance of the prosthesis are checked.

Adjusting

The eye socket and colours may change and the prosthesis may need updating. If so, we can adjust its size and colours.

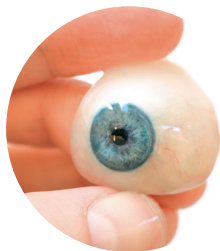
When should I book a prosthesis adjustment?

- less than five years have elapsed since the manufacture of the prosthesis
- the gaze direction of the prosthesis is not natural
- eyelids opening too much or too little
- the bottom of the eye socket/eyelid pockets have changed
- due to natural changes in the face, e.g. child growth, lifestyle changes
- after orbit and eyelid surgeries
- the prosthesis is poorly held in place or can turn into the wrong position



Service life and renewal

We recommend a new eye prosthesis every five years. During this time, the eye socket and even your own eye colour may change to the extent that the prosthesis needs to be replaced. Although the plastic used for the prosthesis is a durable material, it does not last forever. The plastic will weaken and yellow over time, when it is no longer advisable to repair it.



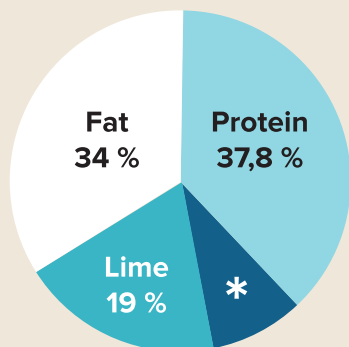
When should I renew the prosthesis?

- less than five years have elapsed since the manufacture of the prosthesis
- the material of the prosthesis is obsolete and the polishing no longer helps, so that the roughness of its surface maintains a constant inflammation
- body changes such as changes in weight or pregnancy
- the prosthesis material is yellowed and the colours no longer match the colours of your own eye
- after orbit and eyelid surgeries
- the prosthesis is poorly held in place or can turn into the wrong position



If the customer is unable to come to the office, a new eye prosthesis can be prepared according to the old prosthesis. In this case, however, possible errors of the former prosthesis are repeated in the new prosthesis.

Do you know what accumulates on the surface of the prosthesis?



* Bacteria 9,2 %

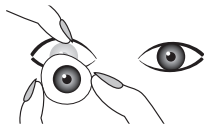
68,2 % Staphylococcus spp

19 % Staphylococcus spp +
Pneumococcus spp

12,8 % Gram negative spp +
Staphylococcus spp +
Pneumococcus spp

Installing and removing the prosthesis

Installing:

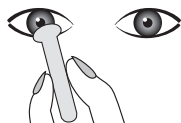


Lift the upper eyelid and place the prosthesis under the upper eyelid.

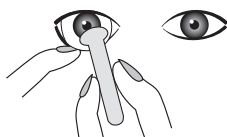


Push the prosthesis upwards and pull the lower eyelid downwards, allowing the prosthesis to settle into place.

Removing with suction pad:



Moisten the suction head and press it onto the surface of the prosthesis.

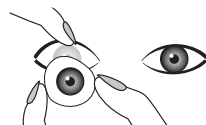


Pull the lower eyelid downwards and lift the prosthesis over the lower eyelid diagonal.

Removing with fingers:



Pull the lower eyelid downwards while pressing the lower edge of the prosthesis over the lower eyelid with your finger.



Lift the upper eyelid and grasp the prosthesis with two fingers to remove it.

Costs and reimbursements

In most cases, health care compensates for the cost of obtaining an eye prosthesis as part of medical rehabilitation. The attending physician will take a rehabilitation initiative. Depending on the care responsibilities, the approval of the payment commitment is decided either at the health centre or in the hospital.

The State Accident Office pays for the costs of accidents during military service and conscription. Costs are reimbursed by insurance companies in a number of accidents at work or on the roads and in similar cases of liability.



We recommend that you contact your treating physician or rehabilitation planner in your area when you apply for a payment commitment to make, repair or polish a new prosthesis.



SILMÄPROTEESIT

Lehto & Sohlberg Oy

ISODENT



Janiika Määttä

Tel: 050 375 0340

silmaproteesit@isodent.fi



Enni Kettunen

Tel: 050 372 0340

silmaproteesit@isodent.fi



Jack Zolty

Appointments from numbers

050 375 0340 or

050 372 0340

silmaproteesit@isodent.fi



Jyrki Isojärvi

Tel: 040 738 8916

jyrki.isojarvi@isodent.fi

Welcome!

Our prosthetic workshop is located right in the centre of Helsinki near the railway and bus stations and Finnair bus stop. There are several hotels near our prosthetic workshop and we would be happy to recommend accommodation for you.

We are happy to give you more information, please call and ask!

www.silmaproteesit.fi

Contact details

Mikonkatu 19 B 4th floor, 00100 Helsinki

Opening hours: Mon-Fri klo 08.00-16.00

Tel: (09) 621 1117



Main entrance: Mikonkatu 19 B, 4th floor

Entrance for disabled: Vilhonkatu 6