

SMR OPHTHALMIC PVT. LTD. offers the latest ophthalmology products in a key range - achieving international standards that equal the world's finest today.

'Careful' Creations State-of-the-art technology from the U.S.A. is deployed to ensure consistent high-precision results; and only chemicals and materials of uncompromising quality are used. Our production personnel, highly qualified and trained abroad, are in step with the latest advances, and they are supported by an experienced and skilled workforce. Our products, by their

very nature, demand the most meticulous care and attention to detail at every single stage of production.



Quality... Plus Timely Service. In our field, quality products must go hand in hand with personal individual attention to each and every customer. We are well organised to provide this exacting service with reliability, speed and efficiency.

SMR OPHTHALMIC is still growing fast. Moving ahead with plans for a future of further expansion and diversification in the exciting field of modern ophthalmology products....

Do keep in touch!

Suction Pump

NEW

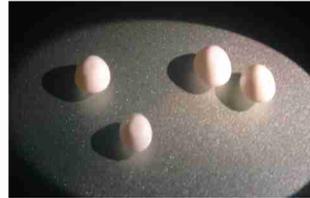


These suction pumps which enable ease in handling of prosthesis or corneal shields while taking placing or removing them from the patient cavity. These are made of silicon material and have one size only.

Corneal Protector

These are made specifically to protect the cornea while carrying out the procedure for eye lid surgeries. Corneal protectors are made up of PMMA material and are of universal shape i.e. they can be used for right or left eye.

Available sizes :
22 mm, 24 mm, 26 mm & 28 mm



Sizer for Orbital Spheres



These sizers are used to estimate the depth and size of the cavity before any implant can be inserted.

Sizer box contains:
12mm, 14mm, 16mm, 18mm,
20mm, 22mm



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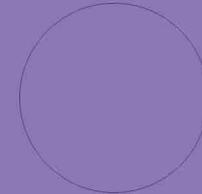
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LOOKS SO NATURAL!



PRESENTING



SMR OPHTHALMIC

ARTIFICIAL EYE:

The artificial eye is fitted to replace the lost volume of the socket and to restore natural appearance and movement. It is fitted after enucleation of the anterior segment or ocular eversion. It is made of acrylic and it can withstand time, climate or any other element that could affect the eye. It also readily adapts itself to the temperature of the socket.

The object of fitting an ocular prosthesis (artificial eye) is:

- ▶ To maintain shape and the movement of the eyelid and for cosmetic purposes.
- ▶ To retain the tone of facial muscles and to prevent alteration of features.
- ▶ To prevent foreign bodies from entering the ocular cavity.
- ▶ To prevent

accumulation of fluid in the cavity and to direct secretions to proper channels.

Available Sizes: Right and Left Eye; 20mm, 22mm, 24mm, 26mm & 28mm.

COSMETIC

Cosmetic Shell is disfigured eye danger to the retention of the extensively used er eversion. It is made of acrylic and it is lighter and thinner than the artificial eye.

SHELL:

used in case of only if there is no patient in the sightless eye. It is

There are two types of cosmetic shells:

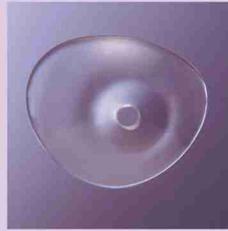
- ▶ *Cosmetic shell with transparent sclera.* This is used in the absence of iris or lack of iris pigmentation when the sclera portion of the eye is not damaged and only the iris is disfigured.
- ▶ *Cosmetic shell with opaque sclera.* This is used after eversion when the sclera portion is damaged along with the iris portion.

Available Sizes: Universal; 22mm, 24mm, 26mm & 28 mm.

CONFORMER:

Conformers are used after enucleation to conform to the conjunctival sac fornices. They should adhere closely to the socket contour and fill the depths of the fornices without

stretching them. Easy closure of the eyelids after the conformer is slipped into place usually indicates proper fit. Most of the conformers have one, three and five drainage holes to allow mucoid discharge to escape and to facilitate the insertion of postoperative medication.



Uses of conformers are as follows:

- ▶ Conformers are used in patients with chemotic prolapsing conjunctiva.
- ▶ They are used for prevention of the cul-de-sacs following chemical burns or traumatic avulsion of the conjunctiva.
- ▶ They are also used after insertion of certain implants with a pressure dressing to lessen edema.

Available Sizes: Right and Left Conformer; 20mm, 22mm, 24mm, 26mm & 28mm.

FORNICES OPEN CONFORMER:

Fornices open conformers are also known as Symblepharon rings. They should be immediately inserted to prevent adhesions and shortening of the fornices and cul-de-sacs. This conformer reduces scarring and keeps the lids away from an irritable eye. This helps the patient feel more comfortable.

Available Sizes: Universal; 22mm, 24mm, 26mm & 28mm.



CASTROVEIJO IMPLANT:

Castroveijo implant imparts motility to the prosthesis by acting as a smooth convex pivotal surface over which the artificial eye or cosmetic shell glides during shortening and lengthening of the fornices. Anteriorly, it has a central depression surrounded by four bridges. The four recti muscles are accommodated in the tunnels situated directly beneath the bridge and the end of the opposed muscles are sewn so as to overlap each other. The implant is completely buried under the tenon's capsule.

The advantages of Castroveijo implant are as follows:

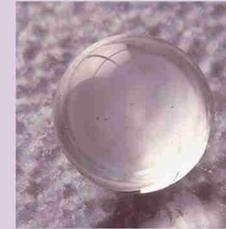
- ▶ It provides better motility and requires very little adjustments from the ophthalmologists.
- ▶ It provides support for the artificial eye and makes it look less sunken.
- ▶ It also serves to prevent bony deformity of the orbital wall.
- ▶ It also helps to



maintain the normal size of the socket.

Available Sizes: 13mm, 15mm & 17mm

SPHERICAL IMPLANTS:



Spherical implant is positioned within tenon's capsule without attachment to the orbital tissue. During the version movements, the fornices of the enucleated socket retracts and lengthens on the side towards the direction of the gaze because contraction of the muscle and Tenon's layer occur on that side.

The objectives of the spherical implants are as follows:

- ▶ It provides motility to the prosthesis.
- ▶ It generally prevents cause of pressure necrosis.

Available Sizes: 12mm to 24mm.

EXOPHTHALMETER:

Single Bar: It is made of transparent acrylic and a scale is engraved on both sides of the bar. The groove of the instrument fits into the outer bony margin of the orbit and it is held in a direction perpendicular to the transverse plane of the orbit and parallel to the visual axis.

Double Bar: It is made of transparent acrylic and has two bars on the main shaft. A scale is engraved on both the bars on only one side. This is used to measure the depth on the eye socket by fitting both the bars on the bony margin of the orbit and aligning them so as to get a precise measure of the socket.

The Uses of exophthalmometer are as follows:

- ▶ The exophthalmometer is used to obtain an accurate estimate of the protrusion of the eyeball.
- ▶ It is also used to measure the degree of prosthesis so that a suitable prosthesis can be fitted.
- ▶ Its application is external and hence there is no internal reaction or side effects.



WHEN ORDERING!..

We will be happy to supply Samples on request.
Orders are subject to customs regulations in your country.