



*Who says
PMMA has lost
its edge ?*



Low **PCO**



W e b s i t e : w w w . c a r e - g r o u p . n e t

Intra Ocular Care Pvt. Ltd. has come up with yet another innovative product - SQUARE EDGE. A PMMA lathe cut lens with Edge to minimize the risk of PCO.

An ISO 9001:2000 certified company CE certified products

State of the art Technology

The lenses are manufactured to strict quality standards at our ISO certified facility. Our facility is equipped with machines imported from world class US machinery manufacturers which can hold sub micron tolerances. To measure the accuracy of the cut optics, sophisticated instruments like Laser Interferometers are used. The

Modulation Transfer Function (MTF) of each lens is measured on calibrated optical benches. This means better lens surface, optics and accurate power.

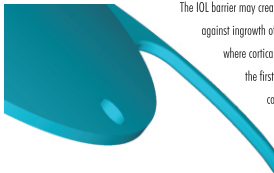
The lenses are designed using State-of-the-art Ray Tracing Technology for Optimum optical through put.

100% inspection of all parameters of our lenses translates into a world class product.

NO SPACE - NO CELL

Concept:

Close positioning of the posterior aspect of an IOL optic to the posterior capsule retards ingrowth of equatorial lens epithelial cells (LECs) across the visual axis.



The IOL barrier may create a second line of defense against ingrowth of cells, especially in cases where cortical cleanup, which is normally the first line of defense, is not complete.



- ▶ PCO is the main cause of decreased vision after

Cataract Surgery

- ▶ Approximately 40% of patients develop PCO & 30% require ND-YAG

- ▶ **Introducing** for the first time in

India, a Square Edge lens in

single piece PMMA

Now one does not have to depend

on a 3 piece design to take advantage

of a square edge. The **Square Edge** forms

an absolute barrier and prevents any migration of cells. This

is a major breakthrough in solving the age-old problem of

Posterior Capsular Opacification (PCO).



SQUARE EDGE

Square Edge **inhibits** the migration of lens epithelial cells (LEC)



ROUND EDGE

Round Edge **allows** the migration of lens epithelial cells (LEC)

Material:	PMMA
Optic Size:	5.0 mm/5.5 mm/6.0 mm
Overall Length:	12.0 mm/12.5 mm
Power:	+2.0 D to +35.0 D (0.5 D Steps)
A Constant:	118.2

Features

- * Optical clarity to ensure high contrast sensitivity.
- * Designed for easy handling - thin & high refractive index.
- * Reduces the rate of PCO in comparison with other Round Edge Lenses-No YAG

Preziol Square Edge Intraocular Lens

Premium Quality

Preziol **PMMA**
Intraocular Lens



PREZIOL PMMA
(High Contrast Sensitivity)

Normal PMMA lens
(Low Contrast Sensitivity)



PREZIOL PMMA

Finally a lens designed to have an excellent optic surface & optical quality to ensure sharp image.

Preziol **PMMA**

CE
0434

Material: PMMA
Optic Size: Ranging from 5.00 mm to 6.00 mm (0.5 Steps)
Overall Length: Ranging from 12.50 mm to 13.00 mm (0.5 Steps)