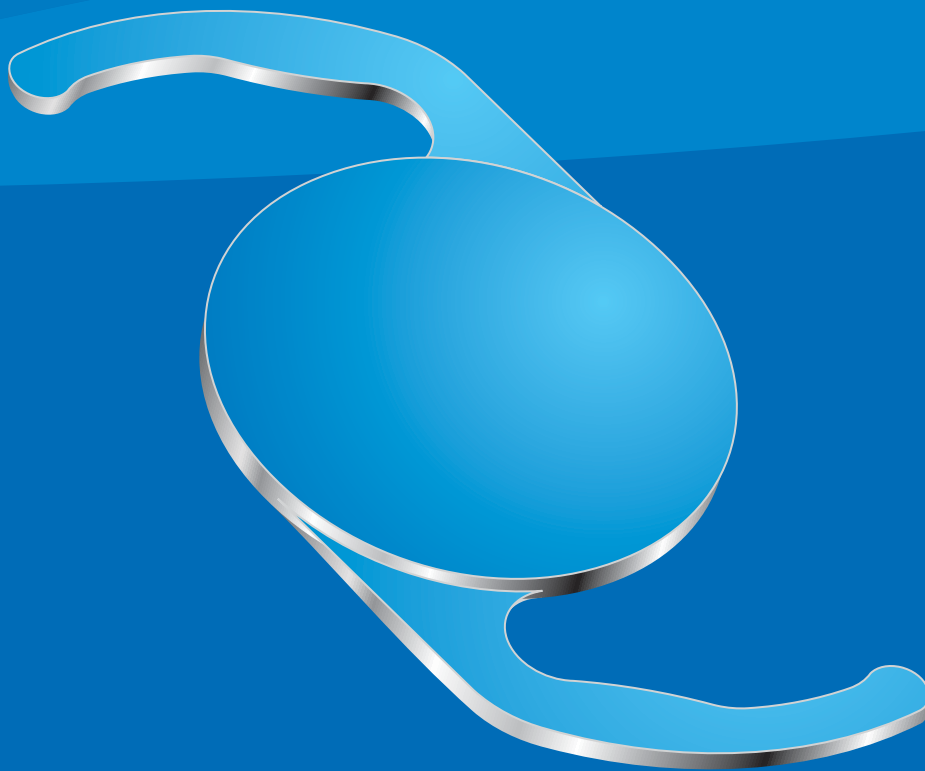




ptima

Excellent... in sight



ISO 13485:2016
Certified Company

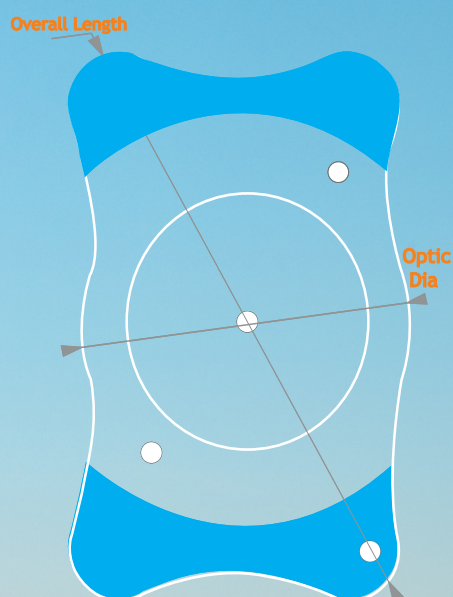
Products Guide
Intraocular Lens

IMPCL

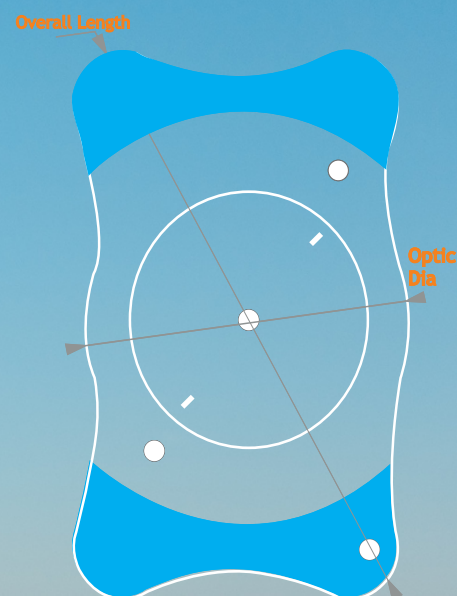
Keep Your Dreams Alive ...

 **ptima**
Excellent... in sight

PHAKIC LENS



PHAKIC TORIC LENS



Implantable contact Lens...

For better Results

- Your precise Pre-Operative data and the calculation from the factory will give an accurate power calculation.
- K1 & K2 @ Axis
- Pre-operative Sphere
- White to White Distance
- Anterior chamber Depth
- RE (OD) / LE (OS)
- Patient Name
- Surgeon Name / Hospital Name

Model	IMPCL 619	IMPCL 621	IMPCL 622	CL 603	CL 306
Optic Diameter	4.50 mm to 6.00 mm				
Overall Length	10.50 mm to 14.00 mm				
IOL Power (spherical equivalent Diopters)	-1.0 D to -23.0 D (in 0.5 Steps)				
Material	Hydrophilic Acrylic				
Optic Type	Meniscus				
Vault height	400 to 700 microns				
Refractive Index	1.460				
Sterilization	Steam				
Online Calculator	http://www.excellenthicare.com/calc				

Raw Material

- The IMPCL Lens is made in p- HEMA, soft Hydrophilic Intraocular lens material.
- UV Protection Built into the biocompatible material.
- Refractive Index- 1.460

Available Optics Power

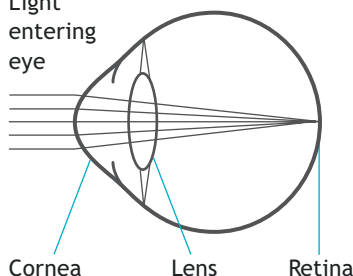
- Myopia in Adults ranging from -4.0 D to -18.0 D with or astigmatism upto 6.0 D.
- Hyperopia in adults ranging from +4.0 D to +10.00 D without or with astigmatism upto 6.0 D.

Surgical Outcome

- Walk in and Walk out procedure
- Designed to be permanent implant
- If necessary, can be removable
- Iridectomy required at periphery
- 90% patient satisfied. The residual error of 10% due to pre-operative reading and calculation or other complication in the eye
- 92% patient gets 6/6 to 6/9 uncorrected distance Visual Acuity after 8th week post Ope.
- The Patient safety and satisfaction level is high.
- 100% tested for MTF
- 100% optimised for close tolerance with labelled Diopter
- High contract sensitivity under all lighting conditions.

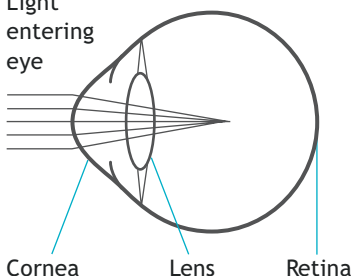
Normal Eye

Light entering eye



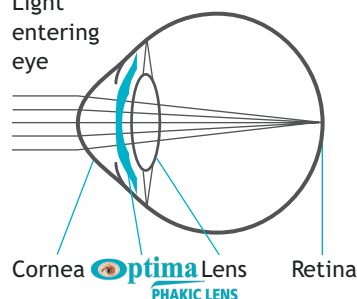
Nearsighted Eye

Light entering eye



Eye After Treatment

Light entering eye



Model	PT 550	PT 551	PT 552	PT 553	PT 554
Optic Diameter	4.50 mm to 6.00 mm				
Overall Length	11.50 mm to 14.00 mm				
Material	Hydrophilic Acrylic				
IOL Power (spherical equivalent Diopters)	-1.0 D to -23.0 D (in 0.5 Steps)				
IOL Cylinder Power	1.50 D to 6.00 D (in 0.5 Steps)				
Addition for Near Focus	+1.00 D to +4.00 D (in 0.5 Steps)				
Optic Type	Meniscus				
Vault height	400 to 700 microns				
Refractive Index	1.460				
Sterilization	Steam				
Online Calculator	http://www.excellenthicare.com/calc				

What is Toric ICL?

The Toric ICL is only a variant of ICL. Toric ICL corrects your nearsightedness as well as your astigmatism (cylindrical power) in one single procedure. Each lens is custom made to meet the needs of each individual eye.

The ICL Procedure:

- The implant surgery is quick and painless, lasting only about 10 - 15 minutes.
- The area around your eyes will be cleaned and a sterile drape may be applied around your eye.
- Eye drops or a local anesthetic will be used to numb your eyes.
- When your eye is completely numb, an eyelid speculum will be placed between your eyelids to keep you from blinking during the procedure.
- The recovery time is short and the results of the surgery are almost immediate.
- Most patients resume normal activities within a week.

Biocompatible lens that is in harmony with your natural eyes

Sharp, clear vision

Great option for people with thin Corneas.

Excellent night vision

Provides UV protection

Lens Haptics & Contour :

- The Four-Point contact haptic design of the IMPCL has an Excellent position stability which reduces the lens vault either Posteriorly or Anteriorly.
- Hence the probability of the Refractive surprise will be as reduced.
- Vault within a range of 400 micron to 700 microns.



General	Hydrophobic Acrylic Foldable Multipiece ,Aspheric, Achromatic, UV Filter	
Optic Size	6.00 mm	
Haptic Size	13.00 mm , 13.50 mm, 14.00 mm	
Optic	Bi-Convex	
Edge Design	Continuous 360 Posterior Square Edge	
Haptic Design	Modified 'C' loop , PVDF	
Haptic Angle	0°	
AC Depth	5 mm	
Incision Size	2.80 mm	
Refractive Index	1.4933 mm	
A.Constant		
	Ultrasound	Optical Biometry
	SRK/T	118.4
	SRK/II	118.6
		118.9



Optima 3 Piece Multipiece Hydrophobic Foldable IOL

- Monofocal, Spherical with PVDF Haptics designed for better casular stability
- Suitable IOL for sulcus implantation

Model No	Optic Size	Haptic Size
MPH6130	6.00 mm	13.00 mm
MPH6135	6.00 mm	13.50 mm
MPH6140	6.00 mm	14.00 mm
MPH6130-Y	6.00 mm	13.00 mm
MPH6135-Y	6.00 mm	13.50 mm
MPH6140-Y	6.00 mm	14.00 mm



why use us?

- ✓ Optima 3 Piece have haptics of a much more rigid material, such as PVDF
- ✓ 3-piece lens for Bag/Sulus and alternative fixation, alternative fixation(Sulcus), specially designed for alternative fixation (sulcus,Sulcus Sclera)
- ✓ The Haptics are much thinner and are much better tolerated in the sulcus than the bulky, single-piece haptics.

Original IOL Power

Adjustment IOL POWER
for sulcus placement

0.0 to 8.50

None

9.50 to 17.50

-0.5D

18.00 to 26.50

-1.0D

27.00 to higher

-1.5D



Optima 3 Piece can be delivered through an incision as well as 2.80 mm with optima jet implantation system.

It is a Reusable Titanium injector, Designed specifically for optima 3 piece and Excellent Hi-Crea Cartridge.

Click-lock mechanism thereby securing the lens in the exact position for a perfect lens delivery into the eye.

Lens insertion is gentle and without the lens wedging or twisting ensures a controlled release, and consequently a precise positioning in the eye .









- ✓ Highly Biocompatible Material.
- ✓ 360° Square Edge Optics , minimize the chance of PCO.
- ✓ Improved functional vision.
- ✓ Improved Night driving simulator performance.
- ✓ Proprietary surface treatment for ease of unfolding.
- ✓ Sterilized by Ethylene Oxide.

astigToric

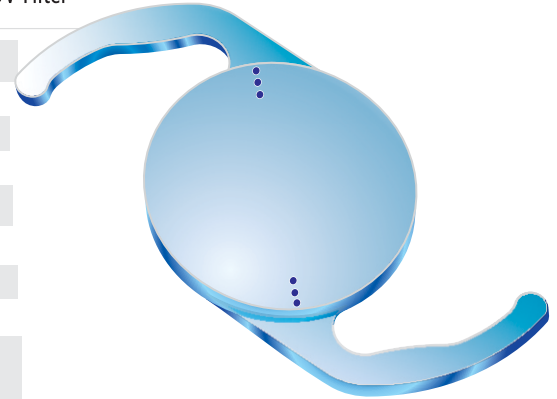
Hydrophobic Toric Intraocular Lenses

EXCELLENT ASTIGMATISM CORRECTION

General	Toric Hydrophobic Foldable, Single Piece, Aspheric, Achromatic, UV Filter		
Optic Size	6.00mm		
Haptic Size	12.50mm		
Optic	Biconvex , Anterior Toric Aspheric Surface		
Edge Design	Continuous 360° Posterior Square edge		
Haptic Design	Single Haptic		
Haptic Angle	0°		
AC Depth	5 mm		
Incision Size	2.6 mm		
Diopter Range	Cylinder Power 1.5 D to 6.0 D in 0.5 Increments Spherical Power 10.0 D to 35.0 D in 0.5 Increments		
Refractive Index	1.4933		
A.Constant		Ultrasound	Optical Biometry



Toric



Toric Calculator:

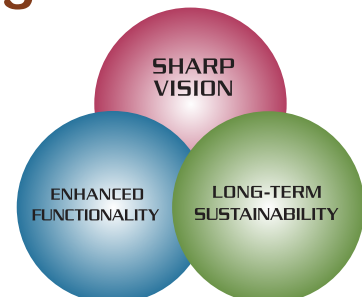
Google Play : [Excellent Eyecare](#)

App Store : [Excellent Eyecare](#)

Model Nos:

Lens Model	In IOL Plane	In Corneal Plane
MO-T-615(1.5)	1.5	1.03
MO-T-615(2.0)	2.0	1.37
MO-T-615(2.5)	2.5	1.71
MO-T-615(3.0)	3.0	2.05

Select Astig Toric IOL For:



SHARP VISION

LEAVE A LEGACY OF OUTSTANDING VISION:

As the quantity of toric procedures increases, trust your legacy to an IOL that delivers exceptional visual quality. The Astig Toric IOL adheres to a high standard of optical excellence so you can give each patient , the sharp , brilliant vision they never thought possible.

EXCELLENT ASTINGMATISM CORRECTION

In a clinical study evaluating the Astig Toric Toric IOLs for astigmatism correction in cataract patients, 94% of eyes achieved ≤ 0.5 D of residual refractive cylinder, and 98% of eyes achieved

* Modular Transfer Function (MTF) is a measure of the amount of contrast transferred by the optics in a visual system. The higher the MTF value, the more contrast transferred to the image resulting in higher image contrast.

ENHANCED FUNCTIONALITY

LEAVE A LEGACY OF LIVING.

Your patients are far from ready to throw in the towel. They've got places to go and sights to see — and they'll see them all through the IOL you choose. Give them a lens designed to function in real-world conditions, such as in low light or without glasses, so they can experience each day with outstanding clarity.

LONGTERM SUSTAINABILITY

LEAVE A LASTING LEGACY

What good is a lens if it's not built to last? Make your legacy one you can continually be proud of with an IOL that delivers exceptional stability, high patient satisfaction and stunning visual performance.

OUTSTANDING POSTIOP ROTATIONAL STABILITY:

Stability is especially important for those with astigmatism. Toric IOLs demonstrate an excellent 2.74° mean axis change between the baseline and six months.

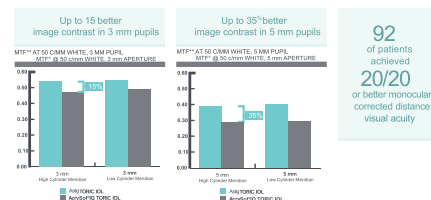
Rotation of the Astig Toric 1-Piece IOL away from its intended axis can reduce its astigmatic correction. Misalignment greater than 30° may increase

WARNINGS:

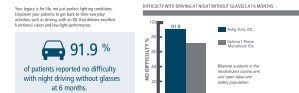
Postoperative refractive cylinder. If necessary, lens repositioning should occur as early as possible prior to lens encapsulation.

SUPERIOR IMAGE CONTRAST

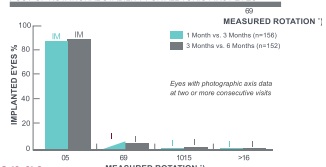
Your patients deserve vision that's as sharp as it is clear, so give them a lens that delivers extraordinary image contrast.



CONFIDENT DRIVING AT NIGHT WITHOUT GLASSES*



POST-OP ROTATIONAL STABILITY FOR ALL TORIC FIRST EYES



Optima VUE

TRIFOCAL-EF

Trifocal Enhanced Depth of Focus Glistening Free IOL

Model Name:	Optima Binary Tri EDF		
Model Number:	Hydrophobic - TRI-FO-617 / Hydrophilic - TRI - FO- 615		
Power Range:	0.0 D to +30.0 D (increments 0.5 D) Trifocal, diffractive, +3.5 D near add and +1.75 D intermediate add at the IOL plane		
Delivery System			
Injector Type:	Preloaded IOL / Non Preloaded injection system / Click Lock Mechanism for smoother Delivery		
Incision size:	2.20 mm nozzle for sub 2.4 mm incision		
Bevel Angle:	45°		
Lens Delivery:	Single handed plunger		
Aspheric Trifocal IOL			
Material:	Single piece Hydrophobic / Hydrophilic Acrylic		
Water Content:	<0.5% Hydrophobic / 26% Hydrophilic		
Refractive Index	Hydrophobic -1.4933 / hydrophilic - 1.555		
Overall Diameter:	Hydrophobic 12.50 mm & 13.00 mm / Hydrophilic 10.60 mm		
Optic Diameter:	6.00 mm		
Optic Shape:	Biconvex Aspheric		
Asphericity:	Aberration-neutral technology		
Optic Edge Design:	360° enhanced square edge		
Haptic Angulation:	0°		
Haptic Style:	Hydrophobic - C Loop / Hydrophilic - C Loop		
Suggested A constant**	Hydrophilic - 118.0		
Suggested A constant**	Hydrophobic	Optical Biometry	Ultrasound-A Scan
	SRK/T: A	118.7	118.4
	SRK II: A	118.9	118.6



Optima BINARY TRI-EDF IOLs have three features to personalize your Visions.

Each Type of IOLs have Outstanding vision to meet your specific needs. We can look forward to seek objects close, in-between and far into the distances.



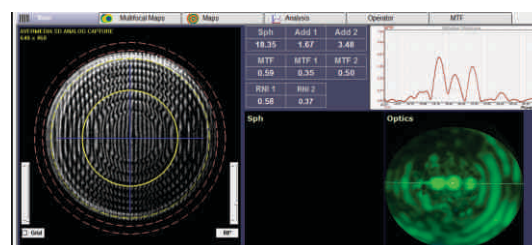
THE EXCELLENT LENS FOR YOUR LIFESTYLE

You have more comfort while reading a book, and more confidence while viewing the screen on your smart phone and TV and excellent vision to find your things on the Far Distance. Optima Binary Multifocal IOLs have a Unique solution for Excellent for your active lifestyle.

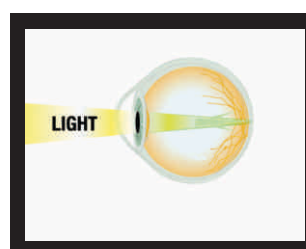


CONCLUSION:

Patients with age-related vision loss can look forward to regain their younger vision and reducing their dependence on glasses. Our Clinical studies indicate that 90 out of 100 patients said that they are satisfied with Binary Multifocal IOLs of Optima Family.



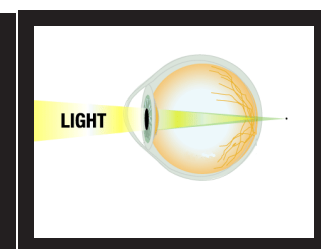
CATARACT



Signs of Cataracts

- Clouded Blurred or dim vision
- Increasing difficulty with vision at night
- Sensitivity to light and glare
- Seeing "halos" around lights
- Fading or yellowing of colors

PRESBYOPIA



Signs of Presbyopia

- Having eyestrain or headaches after reading or doing close work.
- Having difficulty reading small print.
- Having fatigue from doing close work.
- Squinting



Hydrophobic Acrylic Foldable
Intraocular lens



Hydrophobic Acrylic Foldable
Intraocular lens **Yellow**

Model	HFS 6125SQ			HFS 6125SQY		
Optic Diameter	6.00 mm			6.00 mm		
Overall Diameter	12.50 mm			12.50 mm		
Optic Design	Aberration Neutral, Negative Aspheric Biconvex					
Haptic Design	Step Vaulted "C" design, 0° Angulation					
PCO Protection	360° perfect Square edge around the optic edge					
A.Constant		Ultrasound	Optical Biometry		Ultrasound	Optical Biometry
	SRK/T	118.4	118.7	SRK/T	118.4	118.7
	SRK/II	118.6	118.9	SRK/II	118.6	118.9

Model	HFS 6130SQ			HFS 6130SQY		
Optic Diameter	6.00 mm			6.00 mm		
Overall Diameter	13.00 mm			13.00 mm		
Optic Design	Aberration Neutral, Negative Aspheric Biconvex					
Haptic Design	Step Vaulted "C" design, 0° Angulation					
PCO Protection	360° perfect Square edge around the optic edge					
A.Constant		Ultrasound	Optical Biometry		Ultrasound	Optical Biometry
	SRK/T	118.4	118.7	SRK/T	118.4	118.7
	SRK/II	118.6	118.9	SRK/II	118.6	118.9

OPTIMA JET **Preloaded Injector System** is specially designed for smoother and safer delivery of Hydrophobic IOL

OPTIMA JET **Non- Preloaded Injector System** is smoother and safer delivery of Hydrophobic IOL

OPTIMA JET injector system deliver the IOL from **1.80 mm to 2.60 mm Incision** with various cartridges

Click-lock mechanism thereby securing the lens in the exact position for a perfect lens delivery into the eye

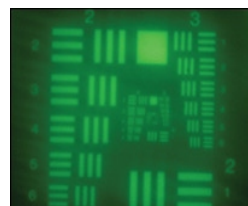
Lens insertion is gentle and without the lens wedging or twisting ensures a controlled release, and consequently a precise positioning in the eye



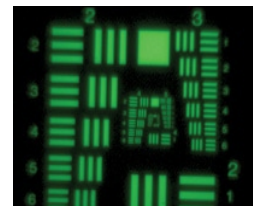
Standard Aspheric optics vision performance under low light



Aberration neutral **Optima VUE** Hydrophobic aspheric Foldable excellent visual performance under low light



Standard Aspheric optics IOL



Optima VUE Aberration neutral optics Peak visual Performance under low light

- Highly Biocompatible Material.
- 360° Square Edge Optics , minimize the chance of PCO.
- Improved functional vision.
- Improved Night driving simulator performance.
- Proprietary surface treatment for ease of unfolding.
- Sterilized by Ethylene Oxide.

Model	HFS 6125SQ	HFS 6130SQ	HFS 6125SQY	HFS 6130SQY
Optic Diameter	6.00 mm	6.00 mm	6.00 mm	6.00 mm
Overall Diameter	12.50 mm	13.00 mm	12.50 mm	13.00 mm
Optic Design	Aberration Neutral, Negative Aspheric Biconvex			
Haptic Design	Step Vaulted "C" design, 0° Angulation			
PCO Protection	360° perfect Square edge around the optic edge			
A.Constant		Ultrasound	Optical Biometry	
	SRK/T	118.4	118.7	
	SRK/II	118.6	118.9	

Hydrophobic Preloaded Instructions for use

Instructions for use



Step 1: Open the Pouch and take the Preloaded system from the blister Package



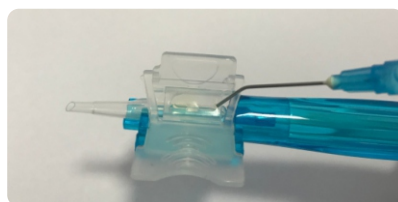
Step 2 : Optima Preloaded System taken from blister package kept for next process



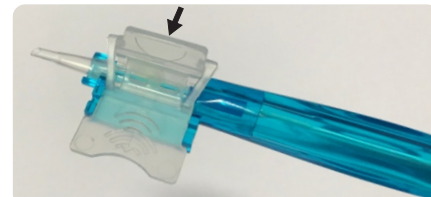
Step 3: Ensure that the lens is properly Preloaded inside the cartridge and posterior side of the lens faces downward



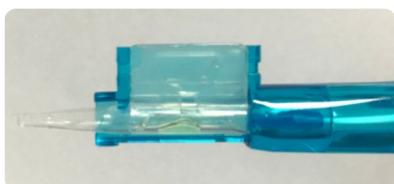
Step 4: Add a few Drops of BSS Solution on the surface of the lens through front and back hole of clip respectively



Step 5: Apply few Drops of Viscoelastic Solution on the lens surface through front hole and front nozzle of the cartridge respectively



Step 6: Close the cartridge wing and ensure that the clip came out completely it is locked properly



Step 7: Make sure that the intraocular lens inside the cartridge is properly folded and neither the haptics nor the optic is trapped between the shutters



Step 7: Push the Injector Plunger gently till the intraocular lens comes out fully from cartridge

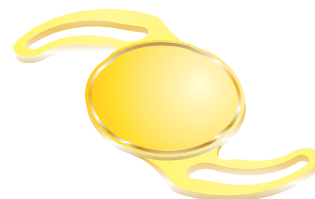


**Scan to view
loading procedure**

- ✔ Highly Biocompatible Material.
- ✔ 360° Square Edge Optics , minimize the chance of PCO.
- ✔ Improved functional vision.
- ✔ Improved Night driving simulator performance.
- ✔ Proprietary surface treatment for ease of unfolding.
- ✔ Sterilized by Ethylene Oxide.



Model	SAF6125SQ-R	SAF6125SQY-R
Optic Diameter	6.00 mm	
Overall Diameter	12.50 mm	
Optic Design	Aberration Neutral, Negative Aspheric Biconvex	
Haptic Design	Double Haptics , 5° Angulation	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A. Constant	+ve power Range: 118, -ve Power Range : 117.4	



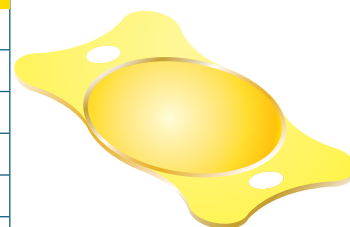
Model	SAF 6125SQ	SAF6125 SQY
Optic Diameter	6.00 mm	
Overall Diameter	12.50 mm	
Optic Design	Aberration Neutral, Negative Aspheric Biconvex	
Haptic Design	"C" design, 5° Angulation	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A.Constant	+ve power Range: 118, -ve Power Range : 117.4	



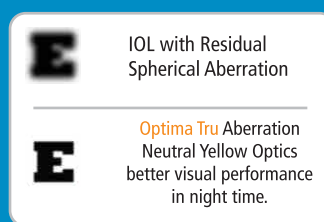
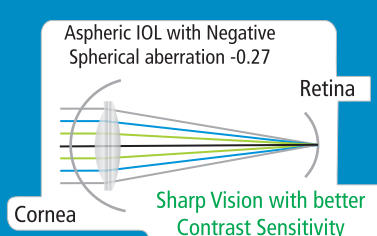
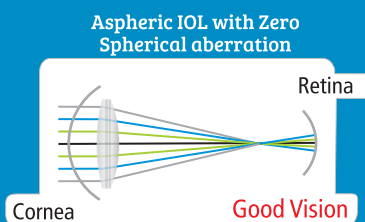
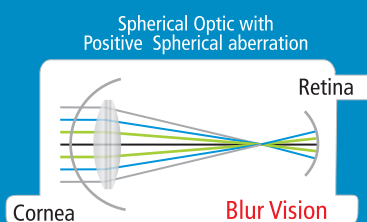
Model	SAF 6011SQ	SAF 6011SQY
Optic Diameter	6.00 mm	
Overall Diameter	11.00 mm	
Optic Design	Aberration Neutral, Negative Aspheric Biconvex	
Haptic Design	4-Point Fixation, 5° Angulation	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A.Constant	+ve power Range: 118, -ve Power Range : 117.4	



Model	SAF 6016SQ	SAF 6016SQY
Optic Diameter	6.00 mm	
Overall Diameter	10.60 mm	
Optic Design	Aberration Neutral, Negative Aspheric Biconvex	
Haptic Design	Plate Haptics , 5° Angulation	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A.Constant	+ve power Range: 118, -ve Power Range : 117.4	



SPHERICAL ABERRATION OF MONOFOCAL IOL



Optima Tru / Optima Clear

- ✓ Natural Yellow Hydrophilic Acrylic, 26% Water Content with UV filter
 - ✓ UA-A(Violet light and dark blue light) filter and allowing healthy blue spectrum light in
 - ✓ Powers Available : - 10.0 D to +40.0 D
 - ✓ Better visual acuity and Enhanced contrast even at night mode.
- (+10.0 D to +30.0 D in 0.5 D steps -10.0 D to +9.0 D and +31.0 to +40.0 D in 1.0 D Steps)

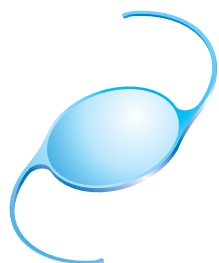
Injector and Cartridge System goes together with the optima Fold Lenses

Optima Lens™

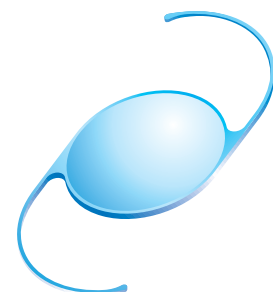
PMMA Single Piece Posterior Chamber and Anterior Chamber Intraocular lens

Optima Ring™

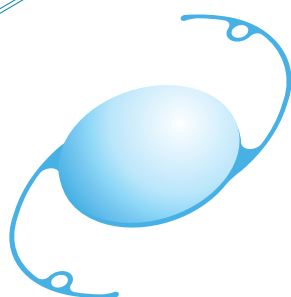
PMMA Single Piece Capsular Tension Ring and Advanced Capsular Tension Ring



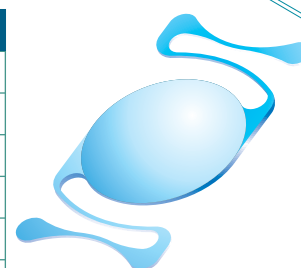
Model	MCS 503	MCS 602	MCS 524	MCS 553
Optic Diameter	5.00 mm	6.00 mm	5.25 mm	5.50 mm
Overall Diameter	12.50 mm	13.00 mm	12.00 mm	12.50 mm
Optic Design	Spherical Biconvex			
Haptic Design	"C" Design with Step Vault			
Dialing Holes	Nil			
Suggested A.Constant	118.4			



Model	MCS 603 H	MCS 602 H	MCS 652 H
Optic Diameter	6.00 mm	6.00 mm	6.50 mm
Overall Diameter	12.50 mm	13.00 mm	13.00 mm
Optic Design	Spherical Biconvex		
Haptic Design	"C" design with Step Vault		
Dialing Holes	Two		
Suggested A.Constant	118.4	118.2	

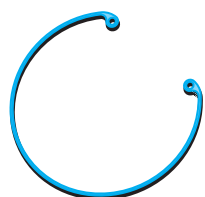


Model	OSF 651	SMS 603
Optic Diameter	6.50 mm	6.00 mm
Overall Diameter	13.50 mm	12.50 mm
Optic Design	Spherical Biconvex	Spherical Biconvex
Haptic Design	"C" design with Step Vault	"S" design with Step Vault
Dialing Holes	Nil	Nil
Suggested A.Constant	118.2	115.3

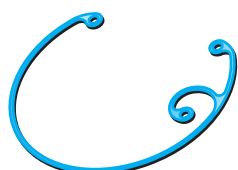
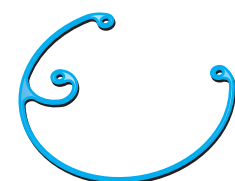


Anterior Chamber IOL

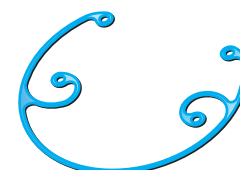
PMMA Capsular Tension Ring and Advance Capsular Tension Ring



Model	OCR1109	OCR1210	OCR 1311	OCR 1412	OCR1210L	OCR1311L
Overall Diameter	11.0 mm	12.0 mm	13.0 mm	14.0 mm	12.0 mm	13.0 mm
Insertion Diameter	09.0 mm	10.0 mm	11.0 mm	12.0 mm	10.0 mm	11.0 mm
Fixation Hook	Nil				Left side with Step Vault	
Material	CQ- PMMA Clear / Blue					



Model	OCR 1210R	OCR 1311R	OCR 1210LR	OCR 1311LR
Overall Diameter	12.0 mm	13.0 mm	12.0 mm	13.0 mm
Insertion Diameter	10.0 mm	11.0 mm	10.0 mm	11.0 mm
Fixation Hook	Right Side with Step Vault		Both Side with Step Vault	
Material	CQ- PMMA Clear / Blue			



Optima - Iris Claw Intraocular lens



Model	MIC 4080 / 4272	MIC 5580 / 5590
Optic Size	4.0 mm X 8.0 mm / 4.25 mm X 7.25 mm	5.50 mm X 8.0 mm / 5.50 mm X 9.0 mm
Optic Design	Convex / Concave	Convex / Concave
Haptic Design	Spherical	Spherical
A.Constant / AC Depth	117.2 / 2.95	117.2 / 2.95

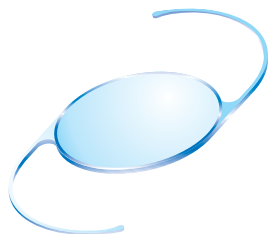


Optima Edge™

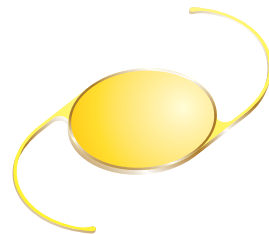
Aspheric Surface With 360° Square Edge Optics
PMMA Intraocular lens

Optima Gold™

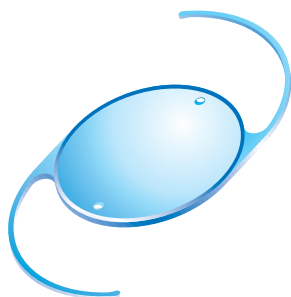
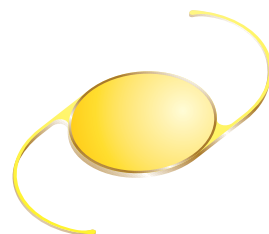
Aspheric Surface With 360° Square Edge Optics
Yellow PMMA Posterior Chamber Intraocular lens



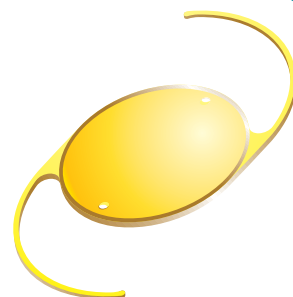
Model	MCS 523SQ	MCS 523SQY
Optic Diameter	5.25 mm	
Overall Diameter	12.50 mm	
Optic Design	Aberration Neutral, Negative Aspheric Biconvex	
Haptic Design	"C" Design with Step Vault	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A.Constant	118.4	



Model	MCS 553SQ	MCS 553 SQY
Optic Diameter	5.50 mm	
Overall Diameter	12.50 mm	
Optic Design	Aberration Neutral, Negative Aspheric Biconvex	
Haptic Design	"C" Design with Step Vault	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A.Constant	118.4	



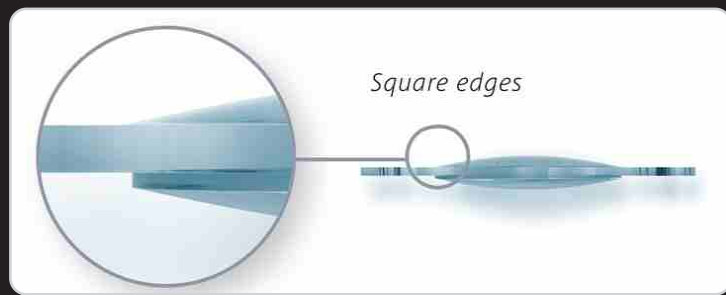
Model	MCS 603HSQ	MCS 603HSQY
Optic Diameter	6.00 mm	
Overall Diameter	12.50 mm	
Optic Design	Aberration Neutral, Negative Aspheric Biconvex with 2 Holes	
Haptic Design	"C" design with Step Vault	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A.Constant	118.4	

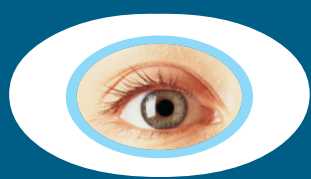


Model	MCS 602HSQ	MCS 602HSQY
Optic Diameter	6.00 mm	
Overall Diameter	13.00 mm	
Optic Design	Aberration Neutral, Negative Aspheric Biconvex with 2 Holes	
Haptic Design	"C" design with Step Vault	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A.Constant	118.2	



- ✓ CQ PMMA- Bio-compatibility material with UV filter ensuring adequate UV protection.
- ✓ Single Piece Posterior Chamber with posterior Side Square edge and rounded Anterior Edge
- ✓ Aberration neutral aspheric lenses are designed with uniform power from center to edge and reduced glare & glistening
- ✓ 360 ° Sharp Edge around the whole outline of the optic reduces the cell adhesion for highest possible PCO prevention.
- ✓ The Haptics design with step vault ensures, better contact with the capsular bag and better centration post operatively .
- ✓ Powers Available : - 10.0 D to +40.0 D
(+10.0 D to +30.0 D in 0.5 D steps -10.0 D to +9.0 D and +31.0 to +40.0 D in 1.0 D Steps)
- ✓ Optics are Yag Laser compatible.
- ✓ Sterilized by Ethylene Oxide





ptima **VETERINARY**

Veterinary Acrylic Foldable Intraocular Lenses

Lens Design Single Piece Posterior Chamber Foldable IOL

Material Co-polymer of Ultra purity Hydrophilic Acrylate

with UV Blocker , 26% water Content @20 ° C

Optic Design Aspheric biconvex

Haptic 0° angulation with posterior vaulting

PCO Prevention 360 ° Step Continuous Square edge on posterior side

Clear Optic 6.0 mm

Optic Body Diameter (Øb) 6.50 mm

Overall Diameter (Øt) 12.00 mm to 14.00 mm depending on the model

Refractive Index 1.46 @ 20°C hydrated , 1.457 @ 35°C hydrated

Tensile Strength 2.50 MPa

ABBE Value 58

Available Powers +41.0 D

Incision Size 2.80 mm

A-Constant * 118.0

A.C Depth * 5.0 mm

Sterilization Steam



Model **VAF6520**

Optic Øb 6.50 MM

Overall Øt 12.00 MM



Model **VAF6530**

Optic Øb 6.50 MM

Overall Øt 13.00 MM



Model **VAF6040**

Optic Øb 6.50 MM

Overall Øt 14.00 MM

Features:

- ✓ Highly Biocompatible Acrylic material
- ✓ Aberration Correcting
- ✓ Perfect Centration in the Capsular Bag
- ✓ Full usable optic of 6.00 mm at +41.0 D
- ✓ Optic Body 6.5 mm
- ✓ Long term experience in clinical application

Optima FoldTM

Hydrophilic acrylic Foldable Intraocular lens
with 360° Square Edge optics



Model	SAF 5120	SAF 6125-R
Optic Diameter	5.75 mm	6.00 mm
Overall Diameter	12.50 mm	
Optic Design	Spherical Biconvex	
Haptic Design	Double Haptics , 5° Angulation	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A.Constant	+ve power Range: 118, -ve Power Range : 117.4	



Model	SAF 6125
Optic Diameter	6.00 mm
Overall Diameter	12.50 mm
Optic Design	Spherical Biconvex
Haptic Design	"C" design , 5° Angulation
PCO Protection	360° perfect Square edge around the optic edge
Suggested A.Constant	+ve power Range: 118, -ve Power Range : 117.4



Model	SAF 6010	SAF 6011
Optic Diameter	6.00 mm	6.00 mm
Overall Diameter	10.50 mm	11.00 mm
Optic Design	Spherical Biconvex	
Haptic Design	4-Point Fixation, Plate Haptics, 0° Angulation	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A.Constant	+ve power Range: 118, -ve Power Range : 117.4	



Optima Jet - Injector and Cartridge System

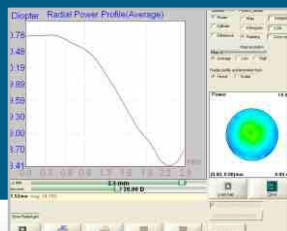


OPTIMA JET disposable injector system is specially designed for smoother and safer delivery of acrylic foldable IOL.

OPTIMA JET injector system deliver the IOL from 1.8 mm to 2.8 mm incision with various cartridges.

Click-lock mechanism thereby securing the lens in the exact position for a perfect lens delivery into the eye

Lens insertion is gentle and without the lens wedging or twisting ensures a controlled release, and consequently a precise positioning in the eye



Model SAF 6125SQ, +20.00 D Aspheric Map in Uniform Power , Provides Quality vision for all Patient. Greater depth of field maintaining high quality vision under low light.



Standard Aspheric optics vision performance under low light



Aberration neutral OPTIMA Foldable excellent visual performance under low light

○ Aberration neutral aspheric lenses are designed with uniform power from center to edge

○ High Refractive Index : 1.46 ✓ Estimated incision size : 1.80 to 2.2 mm

○ Powers Available : - 10.0 D to +40.0 D

(+10.0 D to +30.0 D in 0.5 D steps -10.0 D to +9.0 D and +31.0 to +40.0 D in 1.0 D Steps)



Injector and Cartridge System goes together with the optima Fold Lenses

Optima SharpTM

Micro Surgical Blades

KERATOME (Sharp Tip)



For Phaco Stab Incision Straight / Angled 45°.

MODEL	SIZE	DESCRIPTION
ES 9015	1.50 mm to 1.75 mm	24 Guage
ES 9018	1.80 mm to 2.05 mm	20 Guage
ES 9020	2.00 mm to 2.25 mm	20 Guage
ES 9023	2.30 mm to 2.55 mm	20 Guage
ES 9026	2.65 mm to 2.85 mm	20 Guage
ES 9028	2.80 mm to 3.05 mm	20 Guage
ES 9030	3.00 mm to 3.25 mm	24 Guage



Bevel Up / Down

CRESENT BLADES



Tunnel Incision Straight / Angled 45°.

MODEL	SIZE	DESCRIPTION
ES 9400 BU	2.00 mm to 2.25 mm	20 Guage
ES 9400 BD	2.00 mm to 2.25 mm	20 Guage



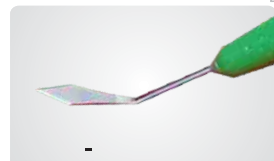
Bevel Up / Down

KERATOME (Blunt Tip)



Keratome Blunt Tip for IOL Enlarging

MODEL	SIZE	DESCRIPTION
ES 9035	3.50 mm to 3.75 mm	18 Guage
ES 9051	5.10 mm to 5.35 mm	16 Guage
ES 9055	5.50 mm to 5.75 mm	16 Guage



LANCE TIP



Lance Tip Blades for Initial Incision Lance Tip

MODEL	SIZE	DESCRIPTION
ES 9215	15° ± 1°	24 Guage
ES 9030	30° ± 1°	24 Guage



MVR BLADES



For Water Tight Self Sealing Incision Straight / Angled 45°.

MODEL	SIZE	DESCRIPTION
ES 9616	1.35 mm ± 0.05 mm	19 Guage
ES 9620	2.00 mm ± 0.05 mm	20 Guage



Features:

- ✓ Available in Flat and Stock
- ✓ Manufactured from high quality steel
- ✓ Ready to use,ETO Sterile.
- ✓ Made from poly carbonate material
- ✓ Manufactured under high magnification
- ✓ Custom-design facility available

Optima

Excellent... in sight



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