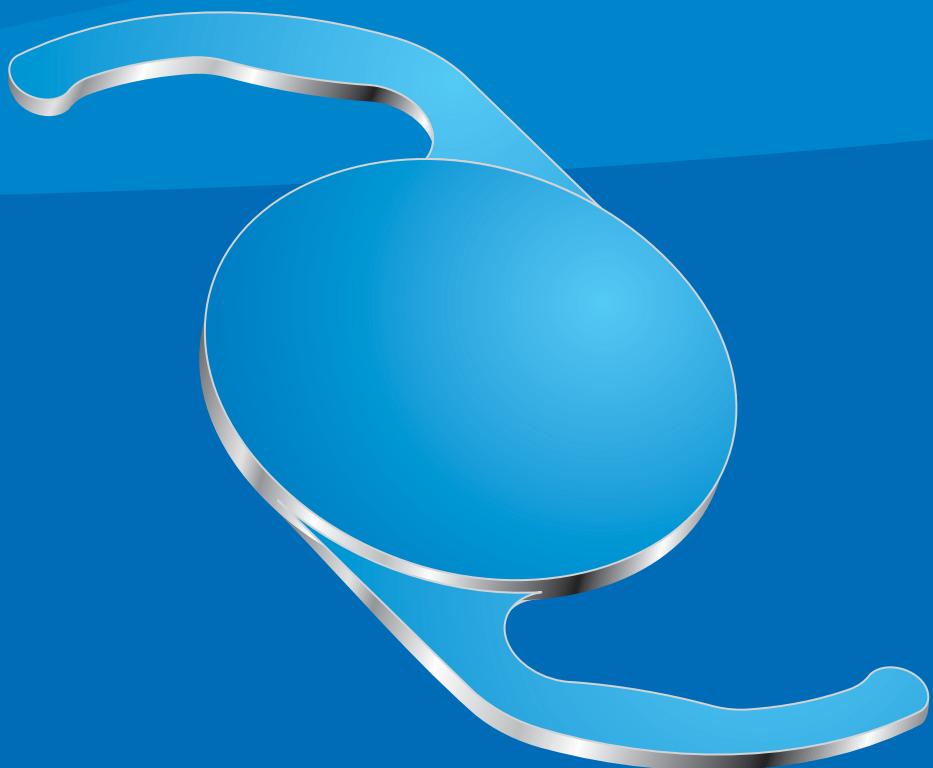


optima

Excellent... in sight

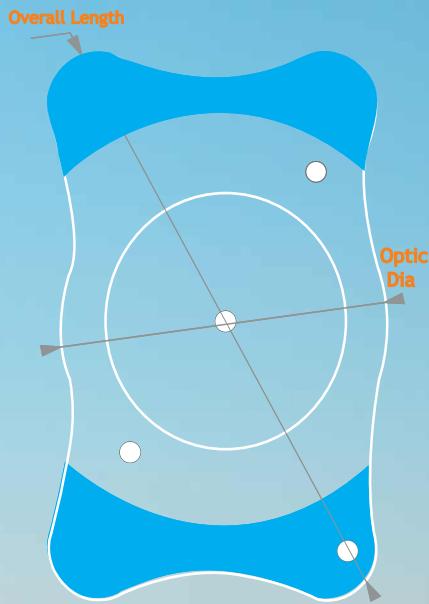


CE
2265

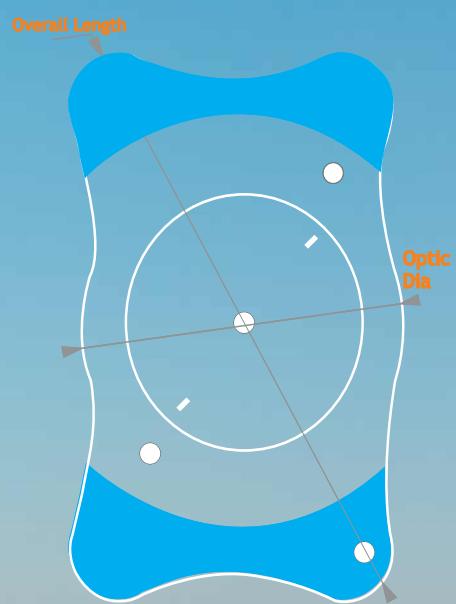
ISO 13485:2016
Certified Company

Products Guide
Intraocular Lens

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

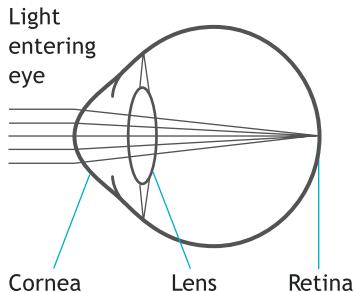
Surgical Outcome

- 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 contrast sensitivity under all lighting conditions.

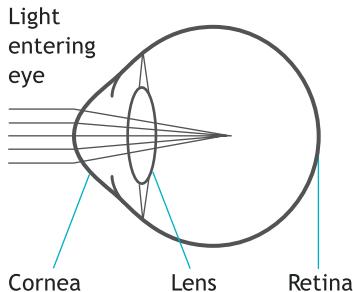
Available Optics Power

- 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.

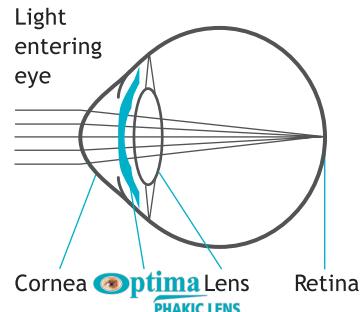
Normal Eye



Nearsighted Eye



Eye After Treatment





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				

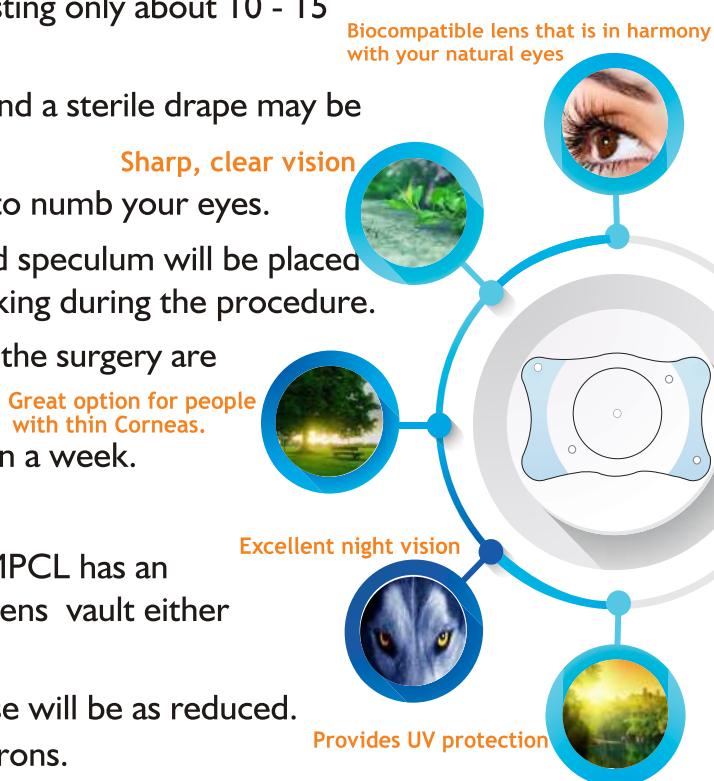
What is Toric ICL?

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.

Advantages of ICL



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-Canux		
Edge Design	Continuous 360 Posterior Square Edge		
Haptic Design	Modified 'C' loop , PVDF (Polyvinyline Iouride Monofilament)		
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	118.7
	SRK/II	118.6	118.9



Optima³Piece
Multipiece Hydrophobic
Foldable IOL



Optima³Piece
Multipiece Hydrophobic
Yellow Foldable IOL

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



why use us?

- ✓ Optima³Piece have haptics of a much more rigid material, such as PVDF (Polyvinyline Iouride Monofilament)
- ✓ 3-piece lens for Bag/Sulcus 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



Optima³Piece 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.

astig **Toric**

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											
	<table border="1"> <thead> <tr> <th></th> <th>Ultrasound</th> <th>Optical Biometry</th> </tr> </thead> <tbody> <tr> <td>SRK/T</td> <td>118.4</td> <td>118.7</td> </tr> <tr> <td>SRK/II</td> <td>118.6</td> <td>118.9</td> </tr> </tbody> </table>		Ultrasound	Optical Biometry	SRK/T	118.4	118.7	SRK/II	118.6	118.9	
	Ultrasound	Optical Biometry									
SRK/T	118.4	118.7									
SRK/II	118.6	118.9									



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

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 ASTIGMATISM CORRECTION

In a clinical study evaluating the Astig 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.

LONGITERM 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:

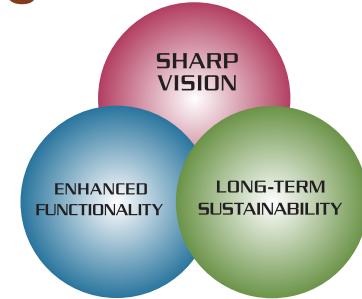
Stability is especially important for those with astigmatism. Toric IOLs demonstrate an excellent 2.74° mean axis change between the baseline and six months.

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:

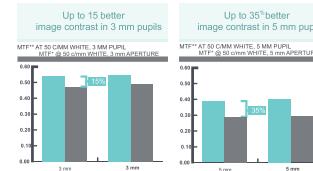
Postoperative refractive cylinder. If necessary, lens repositioning should occur as early as possible prior to lens encapsulation.

Select Astig Toric IOL For:

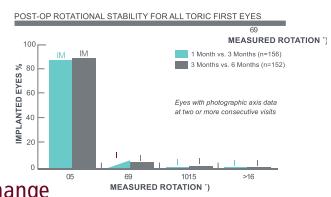


SUPERIOR IMAGE CONTRAST

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



92 of patients achieved 20/20 or better monocular corrected distance visual acuity





TRIFOCAL-EF

Trifocal Enhanced Depth of Focus Glistening Free IOL

Model Name:	Optima Binary Tri EF		
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	

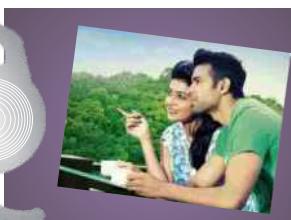


BINARY TRI-EF

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.

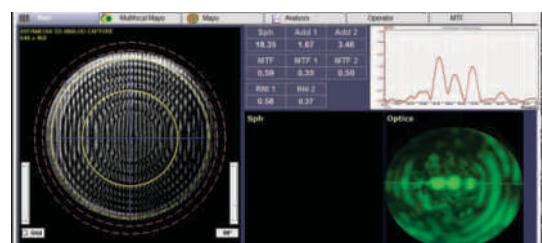
+3.00



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.

+3.50



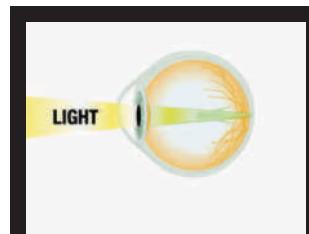
CONCLUSION:

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

+4.00



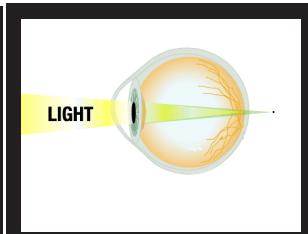
CATARACT



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	
	SRK/T	118.4	118.7	SRK/T
	SRK/II	118.6	118.9	SRK/II

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	
	SRK/T	118.4	118.7	SRK/T
	SRK/II	118.6	118.9	SRK/II



Scan to view
loading procedure

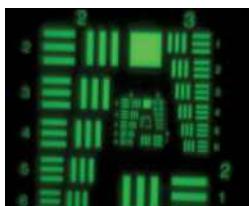
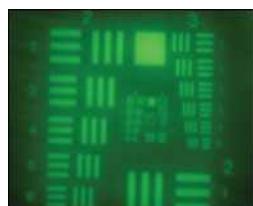
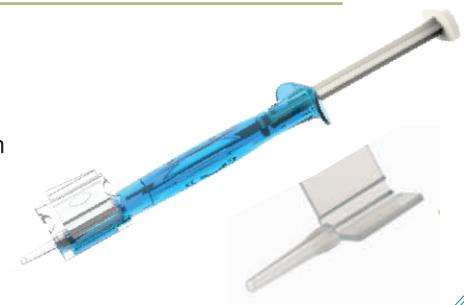
OPTIMA JET **Preloaded Injector System** is specially designed for smoother and safer delivery of Hydrophobic IOL

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.
- 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)



Enhanced Depth of Focus

HYDROPHILIC Double Aspheric Acrylic Foldable Intraocular lens

Model	ZAF 600	ZAF 601	IP131SQ	IP132SQ		
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	Double Haptics, 5° Angulation		"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					

Intermediate Vision



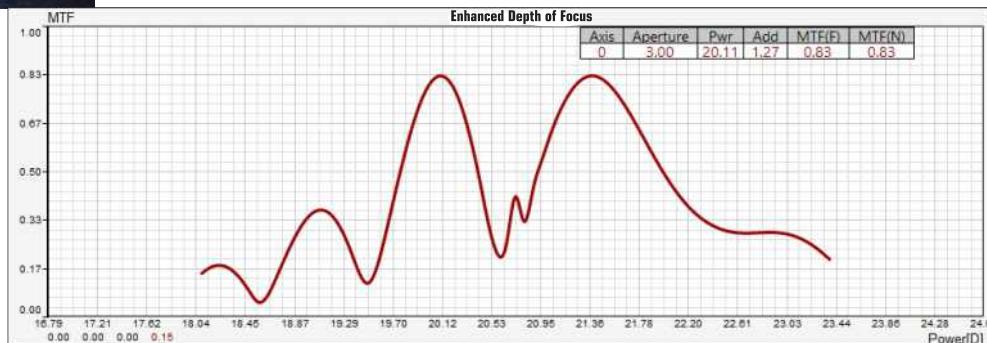
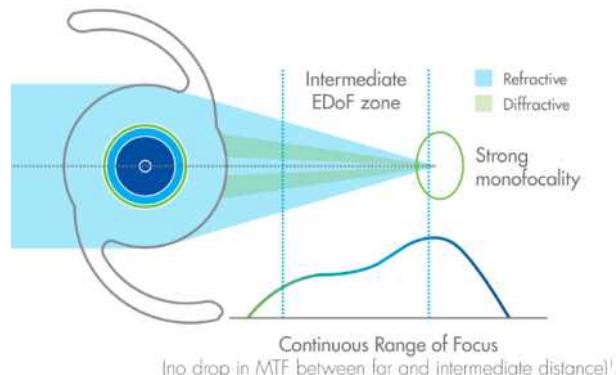
Distance Vision



optima[®] ID Focus

Enhanced Depth of Focus

- ✓ Lens offers excellent distance as well as intermediate vision
- ✓ EDOF is a new technology that has recently emerged in the treatment of **Presbyopia -Correcting IOLs**
- ✓ Designed to enable safe and ease of implantation in the eye
- ✓ EDOF Lenses work by creating a single elongated focal point to enhance "**Depth Of Focus**".



- ✓ 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.
- ✓ 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)



Aspheric surface with 360° Square Edge optics
Hydrophilic Acrylic foldable IOL



Aspheric surface with 360° Square Edge optics
YELLOW Hydrophilic Acrylic Foldable IOL



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	



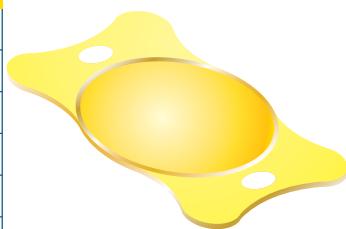
Model	SAF 6125SQ	SAF6125 SQY
Optic Diameter	6.00 mm	
Overall Diameter	12.50 mm	
Optic Design	Aberration Neutral, Negative Aspheric Biconvex	
Haptic Design	"C" design, 5° Angulation	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A. Constant	+ve power Range: 118, -ve Power Range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



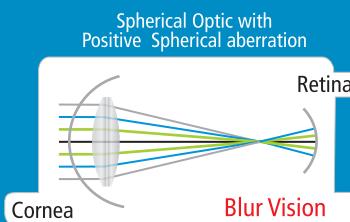
Model	SAF 6011SQ	SAF 6011SQY
Optic Diameter	6.00 mm	
Overall Diameter	11.00 mm	
Optic Design	Aberration Neutral, Negative Aspheric Biconvex	
Haptic Design	4-Point Fixation, 5° Angulation	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A. Constant	+ve power Range: 118, -ve Power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



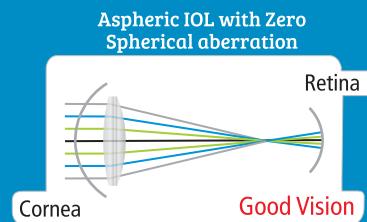
Model	SAF 6016SQ	SAF 6016SQY
Optic Diameter	6.00 mm	
Overall Diameter	10.60 mm	
Optic Design	Aberration Neutral, Negative Aspheric Biconvex	
Haptic Design	Plate Haptics , 5° Angulation	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A. Constant	+ve power Range: 118, -ve Power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



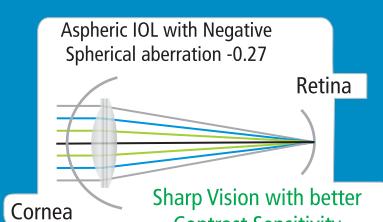
SPHERICAL ABERRATION OF MONOFOCAL IOL



Spherical Optic with Positive Spherical aberration



Aspheric IOL with Zero Spherical aberration

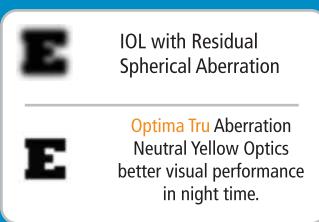


Aspheric IOL with Negative Spherical aberration -0.27

Retina

Sharp Vision with better Contrast Sensitivity

Optima Tru / Optima Clear



IOL with Residual Spherical Aberration

Optima Tru Aberration Neutral Yellow Optics better visual performance in night time.

- ✓ 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
- ✓ (+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
- ✓ Better visual acuity and Enhanced contrast even at night mode.



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	



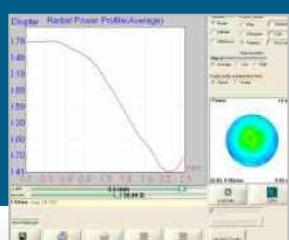
Optima Jet - Injector and Cartridge System

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 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

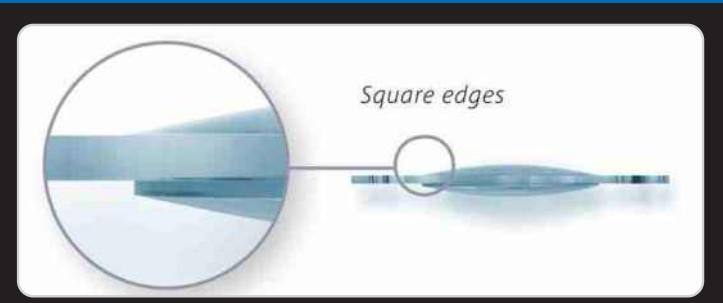
Model	MCS 523SQ	MCS 523SQY
Optic Diameter		5.25 mm
Overall Diameter		12.50 mm
Optic Design	Aberration Neutral, Negative Aspheric Biconvex	
Haptic Design	"C" Design with Step Vault	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A.Constant		118.4

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



Optima LensTM

PMMA Single Piece Posterior Chamber
and Anterior Chamber Intraocular lens

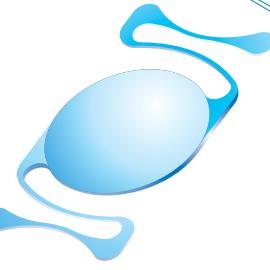
Optima RingTM

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
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 Design	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 Size	Convex / Concave	Convex / Concave
Haptic Design	Spherical	Spherical
A.Constant / AC Depth	117.2 / 2.95	117.2 / 2.95

✓ 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)



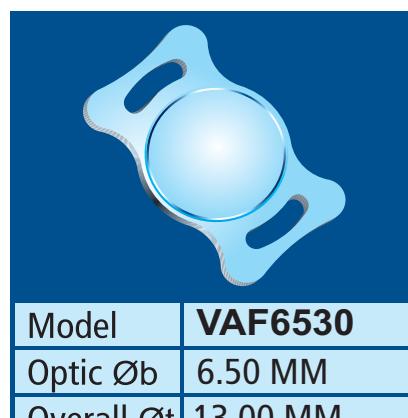
optima VETERINARY

Veterinary Acrylic Foldable Intraocular Lenses

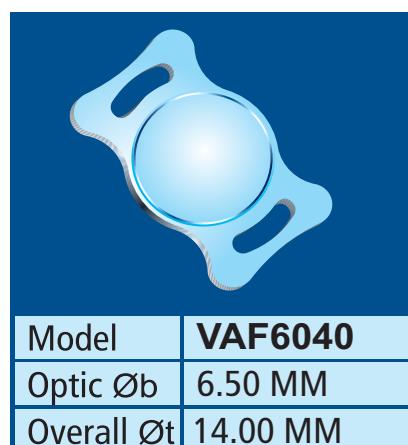
Lens Design	Single Piece Posterior Chamber Foldable IOL
Material	Co-polymer of Ultra purity Hydrophilic Acrylate
	with UV Blocker , 26% water Content @20 ° C
Optic Design	Aspheric biconvex
Haptic	0° angulation with posterior vaulting
PCO Prevention	360 ° Step Continuous Square edge on posterior side
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

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


Model	VAF6530
Optic Øb	6.50 MM
Overall Øt	13.00 MM

Incision Size	2.80 mm
A-Constant *	118.0
A.C Depth *	5.0 mm
Sterilization	Steam


Model	VAF6040
Optic Øb	6.50 MM
Overall Øt	14.00 MM

Features:

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

optima Sharp™

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



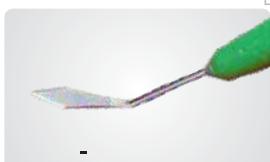
Bevel Up / Down

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°.

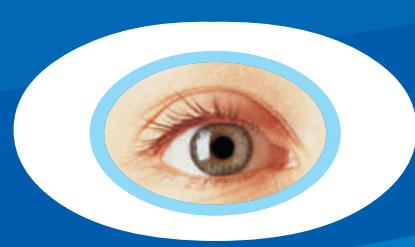


MODEL	SIZE	DESCRIPTION
ES 9616	1.35 mm ± 0.05 mm	19 Guage
ES 9620	2.00 mm ± 0.05 mm	20 Guage



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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Roseburg, Oregon 97471 - **USA**

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