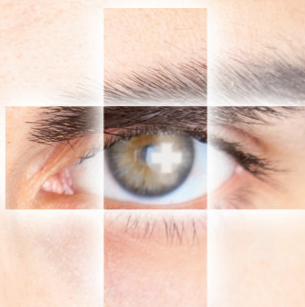




# BAUSCH + LOMB

See better. Live better.



## IOLs

- Hydrophilic Acrylic
- Hydrophobic Acrylic
- Toric
- Multifocal
- Accommodating
- Silicone
- PMMA

## VISCOELASTICS

- Cohesive
- Dispersive Cohesive
- Dispersive

- Capsular Tension Ring
- Staining solution for cataract surgery

**The Bausch + Lomb IOL  
& Viscoelastic Portfolio  
to Suit Your Preferences**



# BAUSCH + LOMB

See better. Live better.

**Bausch + Lomb** develops and markets a **full portfolio of products**. Its expertise in ophthalmology and innovation both contribute to make **Bausch + Lomb a reference in the field of international eye care.**



The Bausch + Lomb portfolio **offers a solution to all ocular surgical needs:**

- Intraocular lenses (IOLs)
- Viscoelastics
- Instruments
- Equipment and disposables
- Other ophthalmic devices

**BAUSCH + LOMB**

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HYDROPHILIC

MICRO-INCISION

**INCISE®**MICRO-INCISION ONE-PIECE  
HYDROPHILIC ACRYLIC IOLRef **MJ14Txxxx****MATERIAL**

Unique advanced acrylic  
22 % water content  
UV-blocker  
Refractive Index: 1.47


**DESIGN**


Monofocal Aberration-Free Aspheric Optic  
Sharper 360° posterior barrier edge ( $\leq 5$  microns radius)  
Angulation: 3° to 10° haptic angulation across the range  
4-point fixation haptic design  
Orientation features to indicate the anterior side  
Optic diameter | 6.0 mm for a +20.0 D  
Overall diameter | 11.0 mm: 0.0 D to +30.0 D

**DIOPTRER RANGE**

From 0.0 D to +30.0 D | 0.0 D to +10.0 D in 1.0 D increments  
| +10.0 D to +30.0 D in 0.5 D increments

**INJECTORS**

Viscoject™ BIO 1.5 LP604361C (10/box)   
Recommended incision size: 1.4 mm WAT or 1.8 mm in the bag

Viscoject™ BIO 1.8 LP604350C (10/box)   
Recommended incision size: 1.8 mm WAT

**CONSTANTS\***

Immersion A-Scan or IOLMaster	A-Constant SRK/T: 118.9 ACD: 5.51 Surgeon Factor: 1.75 Haigis Constant: $a_0$ : 1.35 / $a_1$ : 0.40 / $a_2$ : 0.10
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Applanation A-Scan	A-Constant: 118.4 ACD: 5.20 Surgeon factor: 1.45
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\* Constants are estimates only (source:  
ULIB Optimized IOL Constant, <http://www.augenklinik.uni-wuerzburg.de/ulib/c1.htm>)

It is recommended that each surgeon  
develops their own values.  
Latest update: June 2017



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## INCISE® INTRAOCULAR LENS

### Less is More Less Invasive Surgery, More Rapid Recovery

INCISE® combines high quality optics with new 1.8 mm in the bag or 1.4 mm wound assisted technique implantation, enabling you to perform sub 2 mm MICS™ with ease:

- ✓ Designed to minimise PCO with sharper 360° posterior barrier edge ( $\leq 5$  microns radius)
- ✓ Stiffer four-point fixation haptic design for stability and centration in the capsular bag
- ✓ Aspheric advanced optics designed to enhance visual quality
- ✓ Four bridged haptics to minimise the effect of post-operative capsular bag contraction
- ✓ Controlled unfolding facilitates precise positioning in the capsular bag and removal of viscoelastic

Other monofocal IOL



New INCISE®



Sharper Square Edge  
for PCO Prevention  
Courtesy of Prof. D. Spalton, UK

For more information on content and clinical sources,  
please refer to the IOL sales materials.

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# AKREOS® MICS™

MICRO-INCISION ONE-PIECE  
HYDROPHILIC ACRYLIC IOL

Ref **MI60Pxxxx**

## MATERIAL

Hydrophilic Acrylic  
26 % water content  
UV-blocker  
Refractive Index: 1.46

## DESIGN

Monofocal Aberration-Free Aspheric Optic  
360° posterior square edge  
10° haptic angulation  
One-piece IOL with four-point fixation

Optic diameter	6.2 mm from 0.0 D to +15.0 D
	6.0 mm from +15.5 D to +22.0 D
	5.6 mm from +22.5 D to +30.0 D
Overall diameter	11.0 mm from 0.0 D to +15.0 D
	10.7 mm from +15.5 D to +22.0 D
	10.5 mm from +22.5 D to +30.0 D

## DIOPTRER RANGE

From 0.0 D to +30.0 D | 0.0 D to +10.0 D in 1.0 D increments  
+10.0 D to +30.0 D in 0.5 D increments

## INJECTORS

Viscoject™ BIO 1.8 LP604350C (10/box)

Recommended incision size: 1.8 mm WAT



Comport PLUS 1.8 INJRET18 (1/box)

Recommended incision size: 1.8 mm WAT



## CONSTANTS\*

Immersion A-Scan or IOLMaster	A-Constant: SRK/T: 119.1
	ACD: 5.67
	Surgeon Factor: 1.90
	Haigis Constant: $a_0$ : 1.49 / $a_1$ : 0.40 / $a_2$ : 0.10
Applanation A-Scan	A-Constant: 118.4
	ACD: 5.20
	Surgeon factor: 1.45

\* Constants are estimates only (source:  
ULIB Optimized IOL Constant, <http://www.augenklinik.uni-wuerzburg.de/ulib/c1.htm>)

It is recommended that each surgeon  
develops their own values.

Latest update: June 2017



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## AKREOS® MICS™ INTRAOCULAR LENS

### 1.8 mm MICS™ is a reality The Vital Element For a Successful MICS™ Surgery

#### 1.8 mm MICS™ Requires The Material Difference

- ✓ Akreos® MICS™ Lens is crafted from a Bausch + Lomb proprietary acrylic material
- ✓ The lens can be compressed easily to fit through a 1.8 mm incision

#### 3-Dimensional Stability

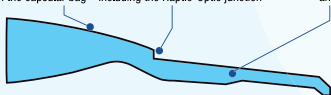
- ✓ The innovative shape of the Akreos® MICS™ has been designed to optimise its post-operative behaviour in the capsular bag and to allow for the absorption of forces in 3 dimensions
- ✓ 360° posterior square edge barrier to prevent against PCO

#### Quality of vision

- ✓ Akreos® Aspheric Abberation-Free
- ✓ Four-point fixation haptic design for optimal stability and centration in the capsular bag

#### Enhanced Mechanical Barriers

Continuous posterior surface contact with the capsular bag    360° x 90° angle for optimum cell blockage including the Haptic-Optic junction    Reinforced haptics for consistent and controlled pressure on the capsule



For more information on content and clinical sources,  
please refer to the IOL sales materials.

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## AKREOS® ADAPT AO

ONE-PIECE HYDROPHILIC  
ACRYLIC IOL

Ref **ADAPTAOPxxxx**

### MATERIAL

Hydrophilic Acrylic  
26 % water content  
UV-blocker  
Refractive index: 1.46

### DESIGN

Monofocal Aberration-Free Aspheric Optic  
360° posterior square edge  
One-piece with four-point fixation

Optic diameter	6.0 mm from +10.0 D to +30.0 D
	6.2 mm from 0.0 D to +9.0 D
Overall diameter	11.0 mm from 0.0 D to +15.0 D
	10.7 mm from +15.5 D to +22.0 D
	10.5 mm from +22.5 D to +30.0 D

### DIOPTRER RANGE

From 0.0 D to +30.0 D	0.0 D to +10.0 D in 1.0 D increments
	+10.0 D to +30.0 D in 0.5 D increments

### INJECTORS

Viscoject™ BIO 1.8 LP604350C (10/box)

Recommended incision size: 1.8 mm WAT

Comport PLUS 2.2 INJRET22 (1/box)

Recommended incision size: 2.2 mm WAT

Viscoject™ 2.2 LP604340 (10/box)

Recommended incision size 2.2 mm WAT

INJ100 (10/box)

Recommended incision size: 2.2 mm WAT

Hydroport AI-28 (1/box)

Recommended incision size 2.8 mm in the bag



### CONSTANTS\*

Immersion A-Scan or IOL Master	A-Constant: SRK/T: 118.5
	ACD: 5.26
	Surgeon Factor: 1.51
	Haigis Constant: $a_0$ : -0.83 / $a_1$ : 0.305 / $a_2$ : 0.191
Applanation A-Scan	A-Constant: 118.0
	ACD: 4.96
	Surgeon Factor: 1.22

\* Constants are estimates only (source:  
ULIB Optimized IOL Constant,  
<http://www.augenklinik.uni-wuerzburg.de/ulib/c1.htm>)  
Latest update: June 2017

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## AKREOS® ADAPT AO INTRAOCULAR LENS

### A vision that patients can appreciate

- ✓ Aberration-Free aspheric optic to improve image quality, enhance depth of field and be more tolerant to lens misalignment
- ✓ Akreos® Adapt AO is designed to provide predictable, repeatable refractive outcomes for all cataract patients
- ✓ 360° posterior square edge for optimised effectiveness against PCO
- ✓ Four-point fixation designed for stability and centration

360° posterior barrier edge



Square edge

For more information on content and clinical sources,  
please refer to the IOL sales materials.

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# VERSARIO® CLASSIC ASPHERIC

ONE-PIECE HYDROPHILIC  
ACRYLIC IOL

Ref **VERSARIOxxxx**

## MATERIAL

Hydrophilic Acrylic  
26 % water content  
UV-blocker  
Refractive index: 1.46

## DESIGN

Monofocal Negative Aspheric Optic  
C-loop haptics  
360° posterior square edge  
10° haptic angulation

Optic diameter	6.5 mm from -10.0 D to +9.0 D
	6.0 mm from +10.0 D to +40.0 D
Overall diameter	12.5 mm from -10.0 D to +9.0 D
	12.0 mm from +10.0 D to +40.0 D

## DIOPTRER RANGE

From -10.0 D to +40.0 D	-10.0 D to +10.0 D in 1.0 D increments
	+10.0 D to +30.0 D in 0.5 D increments
	+30.0 D to +40.0 D in 1.0 D increments

## INJECTORS

MDJ 2.0 - 2.2 MDJ20-22 (1/box)

Recommended incision size: 2.2 mm WAT

MDJ LOADINJECT® 2.2 8000001533 (1/box)

Recommended incision size: 2.2 mm WAT

Viscoject™ eco 2.2 VE2200 (20/box)

Recommended incision size: 2.2 mm WAT



## CONSTANTS\*

Immersion A-Scan or IOLMaster	A-Constant SRK/T: 119.7
	ACD: 5.96
	Surgeon Factor: 2.20
	Haigis Constant: $a_0$ : 1.80 / $a_1$ : 0.40 / $a_2$ : 0.10
Applanation A-Scan	A-Constant: 120.0
	ACD: 6.14
	Surgeon Factor: 2.36

\* Constants are estimates only.  
It is recommended that each surgeon  
develops their own values.  
Latest update: June 2017

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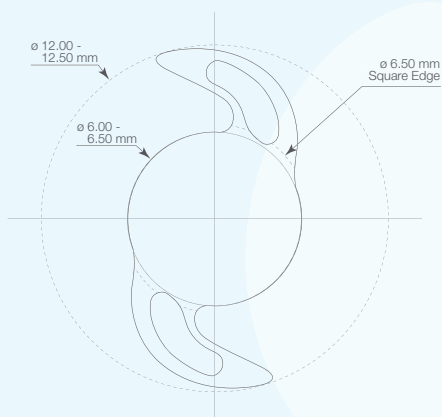
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## VERSARIO® CLASSIC ASPHERIC INTRAOCULAR LENS

### Improved Optical Performance

- ✓ Optimised IOL design to fit with different capsular bag sizes
- ✓ Market proven C-loop haptic design to facilitate stabilisation in the capsular bag
- ✓ 360° posterior square edge to prevent epithelial cells migration and reduced risk of PCO



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## QUATRIX® ASPHERIC EVOLUTIVE

ONE-PIECE HYDROPHILIC  
ACRYLIC IOL

Ref **QTRXEVxxx**



### MATERIAL

Hydrophilic Acrylic  
26 % water content  
UV-blocker  
Refractive index: 1.46

### DESIGN

Monofocal aspheric negative optic  
Four-point fixation haptics  
360° posterior square edge  
6° haptic angulation  
Optic diameter: 5.85 mm for +30.0 D to 6.15 mm for +10.0 D  
Overall diameter: 10.3 mm for +30.0 D to 10.8 mm for +10.0 D

### DIOPTRER RANGE

Preloaded  
From +10.0 D to +30.0 D in 0.5 D increments  
Recommended incision size: 2.8 mm in the bag



### CONSTANTS\*

Immersion  
A-Scan or  
IOLMaster

A-Constant SRK/T: 119.8  
ACD: 6.04  
Surgeon Factor: 2.28  
Haigis Constant:  $a_0$ : 1.91 /  $a_1$ : 0.40 /  $a_2$ : 0.10

Applanation  
A-Scan

A-Constant: 119.6  
ACD: 5.96  
Surgeon Factor: 2.13

\* Constants are estimates only.  
It is recommended that each surgeon  
develops their own values.  
Latest update: June 2017



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## QUATRIX® ASPHERIC EVOLUTIVE INTRAOCULAR LENS

### Quatrix® Aspheric Evolutive Preloaded IOL

#### Respect Anatomy

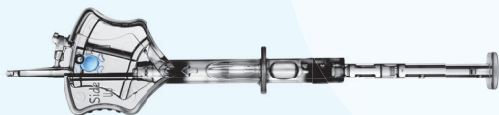
- ✓ Quatrix® Aspheric Evolutive respects the specific physiological need for individual IOL diameters
- ✓ The overall diameter decreases according to the increasing power of the IOL

#### Innovative Haptics for Perfect Fit in the Capsular Bag

- ✓ 4-haptics fixation for an optimal contact zone
- ✓ 6° angulation haptics to vault the optic posteriorly for direct contact with the capsular bag

#### Preloaded System

- ✓ Preloaded in a single-use injector embedded in 0.9 % saline solution
- ✓ Easy handling of the preloaded system



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## enVista<sup>®</sup>

ONE-PIECE HYDROPHOBIC  
ACRYLIC IOL

Ref **MX60Pxxxx**



### MATERIAL

Glistening-Free Hydrophobic Acrylic  
4 % water content  
UV-blocker  
Refractive index: 1.54

### DESIGN

Monofocal Aberration-Free Aspheric Optic  
Step-vaulted haptics; Modified C-loop haptics  
360° posterior square edge  
Fenestrated haptics  
Optic diameter: 6.0 mm  
Overall diameter: 12.5 mm

### DIOPTRER RANGE

From 0.0 D to +34.0 D

- 0.0 D to +10.0 D in 1.0 D increments
- +10.0 D to +30.0 D in 0.5 D increments
- +30.0 D to +34.0 D in 1.0 D increments

### INJECTORS

Reusable BLIS-R1  
with single-use cartridge BLIS-X1 from +10.0 D to +34.0 D (10/box)  
Recommended incision size: 2.2 mm WAT



INJ100 (10/box)  
Recommended incision size: 2.2 mm WAT



### CONSTANTS\*

Immersion A-Scan  
and IOL Master

- A-Constant SRK/T: 119.1
- ACD: 5.61
- Surgeon Factor: 1.85
- Haigis Constant:  $a_0$ : 1.46 /  $a_1$ : 0.40 /  $a_2$ : 0.10

Applanation  
A-Scan

- A-Constant: 118.7
- ACD: 5.37
- Surgeon Factor: 1.62

\* Constants are estimates only.  
It is recommended that each surgeon  
develops their own values.  
Latest update: June 2017



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## enVista® INTRAOCULAR LENS

### Glistenings do exist. But not for enVista®

#### Quality of Vision

- ✓ Pre-hydrated (0.9 % saline solution) to equilibrium to prevent glistening formation
- ✓ No glistenings detected at any time in a 2-year prospective study<sup>1,2</sup>
- ✓ Abrasion resistance is increased due to improved surface durability<sup>3</sup>

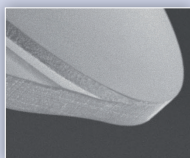
#### Designed to Minimise PCO

- ✓ Step-vaulted haptics
- ✓ 360° posterior square edge<sup>4</sup>

#### Advanced Ease of Use

- ✓ Safe, simple, reliable insertion through a 2.2 mm incision
- ✓ Easy positioning in the capsular bag by controlled unfolding

#### Designed to minimise PCO



1. enVista® Directions for Use.

2. Tetz MR, Werner L, Schwahn-Bendig S, Battie JF. A prospective clinical study to quantify glistenings in a new hydrophobic acrylic IOL. Paper presented at: American Society of Cataract and Refractive Surgery (ASCRS) Symposium & Congress; April 3-8, 2009; San Francisco, CA.

3. Mentak K, Martin P, Elachchabi A, Goldberg EP. Nanoindentation studies on hydrophobic acrylic IOLs to evaluate surface mechanical properties. Paper presented at: XXV Congress of the European Society of Cataract and Refractive Surgery; September 8-12, 2007; Stockholm, Sweden.

4. Nishi O, Nishi K, Osakabe Y. Effect of intraocular lenses on preventing posterior capsule opacification: design versus material. J Cataract Refract Surg. 2004;30(10):2170-2176.

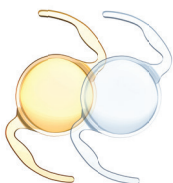
For more information on content and clinical sources,  
please refer to the IOL sales materials.

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HYDROPHOBIC

PRELOADED  
MINI-INCISION



## EyeCee® ONE / EyeCee® ONE CRYSTAL

ONE-PIECE HYDROPHOBIC  
ACRYLIC IOL

Preloaded Ref **EYEC1PRExxxx / EYEC1CRYPRExxxx**

Non preloaded Ref **EYEC1xxxx / EYEC1CRYxxxx**

### MATERIAL

Hydrophobic Acrylic

UV-blocker

Blue-light blocker (for EyeCee® ONE only)

Refractive index: 1.52

### DESIGN

Monofocal Negative Aspheric Optic

Modified C-loop

360° posterior square edge

Optic diameter: 6.0 mm

Overall diameter: 13.0 mm

### DIOPTRER RANGE

Preloaded

From +11.0 D to +30.0 D

+11.0 D to +30.0 D in 0.5 D increments

Recommended incision size: 2.4 mm in the bag  
(please refer to the DFU)



EyeCee® ONE

Non preloaded

From +1.0 D to +30.0 D

+1.0 D to +10.0 D in 1.0 D increments

+10.0 D to +27.0 D in 0.5 D increments

+27.0 D to +30.0 D in 1.0 D increments

EyeCee® ONE CRYSTAL

Non preloaded

From +1.0 D to +10.5 D

+1.0 D to +10.0 D in 1.0 D increments  
10.5 D

### INJECTORS

MDJ 2.0 - 2.2 MDJ20-22 (1/box)

Recommended incision size: 2.2 mm WAT



MDJLOADINJECT® 2.2 8000001533 (1/box)

Recommended incision size: 2.2 mm WAT



### CONSTANTS\*

Immersion A-Scan  
and IOL Master

A-Constant SRK/T: 119.7

ACD: 6.0

Surgeon Factor: 2.13

Haigis Constant:  $a_0$ : 1.675 /  $a_1$ : 0.40 /  $a_2$ : 0.10

Applanation  
A-Scan

A-Constant: 119.1

ACD: 5.70

Surgeon Factor: 1.73

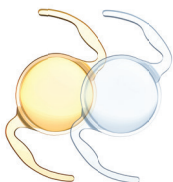
\* Constants are estimates only.  
It is recommended that each surgeon  
develops their own values.  
Latest update: June 2017



MONOFOCAL

HYDROPHOBIC

PRELOADED  
MINI-INCISION



## EyeCee® ONE / EyeCee® ONE CRYSTAL INTRAOCULAR LENSES

### Fully Preloaded Hydrophobic IOL

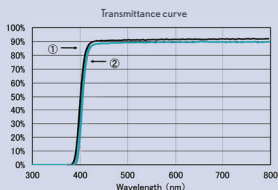
- ✓ An easy 2-step procedure with a short learning curve (please refer to the IFU and loading guide)
- ✓ 2.4mm incision in-the-bag (please refer to the loading guide)
- ✓ Single use injector

### Quality of Vision

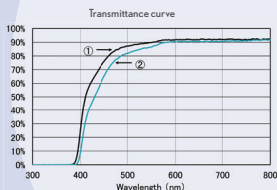
- ✓ Asperitic optic edge to reduce glare phenomena
- ✓ Negative aspheric optic design ( $-0.13 \mu\text{m}$ ) to compensate for positive corneal spherical aberrations (SA)
- ✓  $90^\circ$  anchor wing haptic with large contact angle for optimized intra-capsular bag behaviour of the lens
- ✓ Unique haptic design to maximize intracapsular bag fixation and long-term stability
- ✓  $360^\circ$  posterior square edge to reduce PCO
- ✓ Blue-light filter (for EyeCee® ONE only)

### Spectral Light Transmission

EyeCee® ONE CRYSTAL



EyeCee® ONE with moderate blue-light filter



Curve ①: Spectral Transmittance curve of a typical 1.0D IOL (thinnest).

Curve ②: Spectral Transmittance curve of a typical 30.0D IOL (thickest).

For more information on content and clinical sources,  
please refer to the IOL sales materials.

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HYDROPHOBIC

MINI-INCISION



## FOCUSforce™ ASPHERIC

ONE-PIECE HYDROPHOBIC  
ACRYLIC IOL

Ref **AS60125xxxxWW**

Ref **AS60130xxxxWW**



### MATERIAL

Hydrophobic Acrylic

UV-blocker

Refractive index: 1.51

### DESIGN

Monofocal Aberration-Free Aspheric Optic

Modified L haptics non angulated

Optic diameter: 6.0 mm

Overall diameter: 12.5 mm and 13.0 mm

### DIOPTER RANGE

From 0.0 D to +40.0 D in 0.5 D increments

### INJECTORS

Comport PLUS 2.2 INJRET22 (1/box): 0.0 D to +23.0 D

Recommended incision size: 2.2 mm WAT



NAVIJECT™ 2.9-1P Injector-Set (LP604435W): +23.5 D to +40.0 D

Recommended incision size: sub to 3.2 mm in the bag



### CONSTANTS\*

Immersion A-Scan  
and IOL Master

A-Constant SRK/T: 118.9

ACD: 5.54

Surgeon Factor: 1.74

Haigis Constant:  $a_0$ : 1.33 /  $a_1$ : 0.40 /  $a_2$ : 0.10

Applanation  
A-Scan

A-Constant: 118.4

ACD: 5.20

Surgeon Factor: 1.45

\* Constants are estimates only.  
It is recommended that each surgeon  
develops their own values.  
Latest update: June 2017



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HYDROPHOBIC

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## FOCUSforce™ ASPHERIC INTRAOCULAR LENS

- ✓ High quality hydrophobic material with market-proven IOL design
- ✓ Aberration-Free aspheric optic to improve image quality, enhance depth of field and be more tolerant to lens misalignment

This IOL is available in spherical version:

### ULTRAflex

Ref **UF60125xxxxWW** & Ref **UF60130xxxxWW**

#### MATERIAL

Please refer to Aspheric

#### DESIGN

Monofocal bi-convex optic, overall diameter: 12.5 mm and 13.0 mm

#### DIOPTRERANGE & INJECTOR

Please refer to Aspheric

#### CONSTANTS\*

Immersion A-Scan  
and IOL Master

A-Constant SRK/T: 119.3  
ACD: 5.75  
Surgeon Factor: 1.99  
Haigis Constant:  $a_0$ : 1.58 /  $a_1$ : 0.40 /  $a_2$ : 0.10

Applanation  
A-Scan

| Please refer to Aspheric

### Basic

Ref **F260xxxxWW**

#### MATERIAL

Please refer to Aspheric

#### DESIGN

Monofocal bi-convex optic, overall diameter: 12.5 mm

#### DIOPTRERANGE & INJECTOR

Please refer to Aspheric

#### CONSTANTS\*

Immersion  
A-Scan and IOL  
Master

A-Constant SRK/T: 119.2  
ACD: 5.68  
Surgeon Factor: 1.93  
Haigis Constant:  $a_0$ : 1.55 /  $a_1$ : 0.40 /  $a_2$ : 0.10

Applanation  
A-Scan

| Please refer to Aspheric

For more information on content and clinical sources,  
please refer to the IOL sales materials.

**BAUSCH + LOMB**

MONOFOCAL

HYDROPHOBIC

3-PIECE  
PRELOADED



EyeCee®

THREE-PIECE HYDROPHOBIC  
ACRYLIC IOL

Ref **EYECPRExxxx**



### MATERIAL

Optic: Hydrophobic Acrylic

Haptic: PMMA

UV-blocker

Refractive index: 1.52

### DESIGN

Monofocal optic

J-loop haptics

Square edges

7° haptic angulation

Optic diameter: 6.0 mm

Overall diameter: 12.5 mm

### DIOPTER RANGE

Preloaded | +10.0 D to +27.0 D in 0.5 D increments  
From +10.0 D to +28.0 D | +27.0 D to +28.0 D in 1.0 D increments

Recommended incision size: 2.8 mm in the bag



### CONSTANTS\*

Immersion A-Scan  
and IOL Master

A-Constant SRK/T: 119.5  
ACD: 5.87  
Surgeon Factor: 2.11  
Haigis Constant:  $a_0: 1.73 / a_1: 0.40 / a_2: 0.10$

Applanation  
A-Scan

A-Constant: 119.2  
ACD: 5.66  
Surgeon Factor: 1.90

\* Constants are estimates only.  
It is recommended that each surgeon  
develops their own values.  
Latest update: June 2017



MONOFOCAL

HYDROPHOBIC

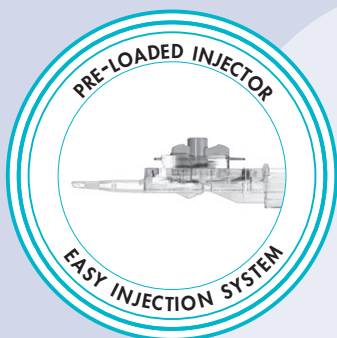
3-PIECE  
PRELOADED



EyeCee®  
INTRAOCULAR LENS

## 3-Piece Hydrophobic Preloaded IOL

- ✓ Preloaded injection system for safe and easy handling
- ✓ Damage of the implant is avoided
- ✓ No risk of dangerous cross-contaminations
- ✓ Square edge for prevention of PCO



For more information on content and clinical sources,  
please refer to the IOL sales materials.

**BAUSCH + LOMB**

**TORIC****HYDROPHOBIC****MINI-INCISION**

## enVista<sup>®</sup> TORIC

ONE-PIECE HYDROPHOBIC ACRYLIC  
TORIC IOL

Ref **MX60TPxxxx**



### MATERIAL

Glistening-Free Hydrophobic Acrylic  
4 % water content  
UV-blocker  
Refractive index: 1.54

### DESIGN

One-Piece, Aberration-Free Aspheric Optic  
Step-vaulted haptics; Modified C-loop haptics  
360° posterior square edge  
Fenestrated haptics  
Optic diameter: 6.0 mm  
Overall diameter: 12.5 mm

### DIOPTRER RANGE

From +6.0 D to +30.0 D  
in 0.5 D increments

Cylinder powers-IOL plane: +1.25 D / +2.00 D /  
+2.75 D / +3.50 D / +4.25 D / +5.00 D / +5.75 D  
Cylinder powers-corneal plane: +0.90 D / +1.40 D /  
+1.93 D / +2.45 D / +2.98 D / +3.50 D / +4.03 D

### INJECTORS

Reusable BLIS-R1  
with single-use cartridge BLIS-X1 from +10.0 D to +34.0 D (10/box)  
Recommended incision size: 2.2 mm WAT



INJ100 (10/box)

Recommended incision size: 2.2 mm WAT



### CONSTANTS\*

Immersion A-Scan  
and IOL Master

A-Constant SRK/T: 119.1  
ACD: 5.61  
Surgeon Factor: 1.85  
Haigis Constant:  $a_0$ : 1.46 /  $a_1$ : 0.40 /  $a_2$ : 0.10

Applanation  
A-Scan

A-Constant: 118.7  
ACD: 5.37  
Surgeon Factor: 1.62

\* Constants are estimates only.  
It is recommended that each surgeon  
develops their own values.  
Latest update: June 2017



TORIC

HYDROPHOBIC

MINI-INCISION

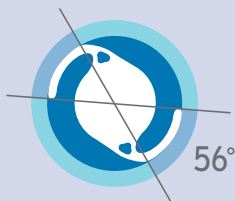


## enVista<sup>®</sup> TORIC INTRAOCULAR LENS

Lock in superior rotational stability<sup>1</sup>

Unique haptics are designed to secure  
a predictable astigmatism correction

- ✓ Glistening-Free Hydrophobic Acrylic
- ✓ The ideal combination of stable performance and predictability
- ✓ Aberration-Free Aspheric
- ✓ Fenestrated, step-vaulted haptics with 56° Contact angle and square posterior edge optic are designed to optimize 360° Capsular contact<sup>2</sup>
- ✓ 360° posterior square edge with haptic-optic junction designed to minimise PCO
- ✓ Polished for a smooth optic surface



Unique fenestrated, step-vaulted haptics with 56° contact angle are designed to maximise stability

- **91%** of patients had  $\leq 5^\circ$  rotation from day of surgery to 6 months<sup>1</sup>
- **3°** absolute mean rotation at 6 months<sup>1</sup>
- **0.28 mm** mean decentration<sup>1</sup>

1. Packer M and al. Safety and effectiveness of a glistening-free single-piece hydrophobic acrylic intraocular lens (enVista). *Clinical Ophthalmology* 2013;7:1905-1912

2. Nishi O, Nishi K, Osakabe Y. Effect of intraocular lenses on preventing posterior capsule opacification: design versus material. *J Cataract Refract Surg.* 2004;30(10):2170-2176

**BAUSCH + LOMB**

MULTIFOCAL

HYDROPHILIC

MICRO-INCISION



## VERSARIO® MULTIFOCAL MICS™

ONE-PIECE HYDROPHILIC ACRYLIC  
MULTIFOCAL IOL

Ref **VERSMULTIxxxx**



### MATERIAL

Hydrophilic Acrylic, Hydrophobic surface  
25 % water content  
UV-blocker  
Refractive index: 1.46

### DESIGN

Fully diffractive  
Bifocal +3.75 D addition  
Negative aspheric optic  
360° posterior square edge  
Plate haptics  
Optic diameter: 6.0 mm  
Overall diameter: 11.0 mm

### DIOPTRER RANGE

From 0.0 D to +32.0 D in 0.5 D increments

### INJECTOR

Viscoject™ BIO 1.8 LP604350C (10/box)  
Recommended incision size: 1.8 mm WAT



### CONSTANTS\*

Immersion A-Scan and IOL Master	A-Constant SRK/T: 118.3
	ACD: 4.96
	Surgeon Factor: 1.27
	Haigis Constant: $a_0$ : 0.67 / $a_1$ : 0.40 / $a_2$ : 0.10
Applanation A-Scan	A-Constant: 118.0
	ACD: 4.96
	Surgeon Factor: 1.22

\* Constants are estimates only.  
It is recommended that each surgeon  
develops their own values.  
Latest update: June 2017



MULTIFOCAL

HYDROPHILIC

MICRO-INCISION



## VERSARIO® MULTIFOCAL MICS™ INTRAOCULAR LENS

- ✓ Smooth step design
- ✓ Aspheric diffractive optic
- ✓ 1.8 mm MICS™ less invasive and no surgically induced astigmatism
- ✓ Aspheric negative optic to reduce spherical aberration, improve image quality and enhance depth of focus
- ✓ 360° posterior square edge to prevent epithelial cell migration and reduce risk of PCO



Innovative smooth steps

Diffractive Zones  
Progression Area  
Diffractive Zones



Versario® Multifocal MICS™ Square Edge

For more information on content and clinical sources,  
please refer to the IOL sales materials.

**BAUSCH + LOMB**



MULTIFOCAL

HYDROPHILIC

MICRO-INCISION



## VERSARIO® MULTIFOCAL TORIC MICS™

ONE-PIECE HYDROPHILIC ACRYLIC  
MULTIFOCAL TORIC IOL

Ref **VERSMFTxxx+xxx**



### MATERIAL

Hydrophilic Acrylic, Hydrophobic surface  
25 % water content  
UV and violet light blocker  
Refractive index: 1.46

### DESIGN

Fully diffractive  
Bifocal +3.75 addition  
Negative aspheric optic  
360° posterior square edge  
Plate haptics  
Optic diameter: 6.0 mm  
Overall diameter: 11.0 mm

### DIOPTER RANGE

From +5.0 D to +32.0 D in 0.5 D increments  
Cylinder powers-IOL plane: +1.00 D / +1.50 D / +2.00 D / +2.50 D /  
+3.00 D / +3.50 D / +4.00 D / +4.50 D / +5.00 D / +5.50 D / +6.00 D

### INJECTOR

Viscoject™ BIO 1.8 LP604350C (10/box)  
Recommended incision size: 1.8 mm WAT



### CONSTANTS\*

Immersion A-Scan and IOL Master	A-Constant SRK/T: 118.3
	ACD: 4.96
	Surgeon Factor: 1.27
	Haigis Constant: $a_0$ : 0.67 / $a_1$ : 0.40 / $a_2$ : 0.10
Applanation A-Scan	A-Constant: 118.0
	ACD: 4.96
	Surgeon Factor: 1.22

\* Constants are estimates only.  
It is recommended that each surgeon  
develops their own values.  
Latest update: June 2017



MULTIFOCAL

HYDROPHILIC

MICRO-INCISION



**VERSARIO®**  
**MULTIFOCAL**  
**TORIC MICS™**  
ONE-PIECE HYDROPHILIC  
ACRYLIC MULTIFOCAL TORIC IOL

- ✓ Smooth step design
- ✓ Aspheric diffractive toric optic
- ✓ 1.8 mm MICS™ less invasive and no surgically induced astigmatism
- ✓ Violet filter
- ✓ Aspheric negative optic to reduce spherical aberration, improve image quality and enhance depth of focus
- ✓ 360° posterior square edge to prevent epithelial cell migration and reduce risk of PCO

For more information on content and clinical sources,  
please refer to the IOL sales materials.

**BAUSCH + LOMB**

MULTIFOCAL

HYDROPHILIC

MICRO-INCISION



## VERSARIO® MULTIFOCAL 3F

ONE-PIECE HYDROPHILIC ACRYLIC  
MULTIFOCAL TRIFOCAL IOL

Ref **VERS3Fxxxx**



### MATERIAL

Hydrophilic Acrylic, Hydrophobic surface  
25 % water content  
UV and violet light blocker  
Refractive index: 1.46

### DESIGN

Trifocal +1.50 D addition for intermediate vision and +3.00 D for near vision  
Negative aspheric optic  
360° posterior square edge  
Plate haptics  
Optic diameter: 6.0 mm  
Overall diameter: 11.0 mm

### DIOPTER RANGE

From 0.0 D to +32.0 D in 0.5 D increments

### INJECTOR

Viscoject™ BIO 1.8 LP604350C (10/box)  
Recommended incision size: 1.8 mm WAT



### CONSTANTS\*

Immersion A-Scan  
and IOL Master

A-Constant SRK/T: 118.6  
ACD: 5.26  
Surgeon Factor: 1.48  
Haigis Constant:  $a_0: 1.04 / a_1: 0.40 / a_2: 0.10$

\* Constants are estimates only.  
It is recommended that each surgeon  
develops their own values.  
Latest update: June 2017



MULTIFOCAL

HYDROPHILIC

MICRO-INCISION



## VERSARIO® MULTIFOCAL 3F

ONE-PIECE HYDROPHILIC ACRYLIC  
MULTIFOCAL TRIFOCAL IOL

### The IOL for all distances

- ✓ Full optic diffractive structure
- ✓ +1.5D intermediate vision
- ✓ Smooth step design
- ✓ Negative aspheric optic
- ✓ Violet filter
- ✓ High abbe number
- ✓ 360° posterior square edge
- ✓ 1.8 mm MICST™

For more information on content and clinical sources,  
please refer to the IOL sales materials.

**BAUSCH + LOMB**

MULTIFOCAL

HYDROPHOBIC

MINI-INCISION



## FOCUSforce™ Re-vision

ONE-PIECE HYDROPHOBIC ACRYLIC  
MULTIFOCAL IOL

Ref **A100xxxxWW**



### MATERIAL

Hydrophobic Acrylic  
UV-blocker  
Refractive index: 1.51

### DESIGN

5.0 mm diffractive optic  
Bifocal +4.0 D addition  
Placo-convex optic  
Modified L haptics non angulated  
360° posterior square edge  
Optic diameter: 6.0 mm  
Overall diameter: 12.5 mm

### DIOPTRER RANGE

From +10.0 D to +25.0 D in 0.5 D increments

### INJECTOR

INJZAR01 (20/box)

Recommended incision size: 2.2 - 2.4 mm WAT  
or 2.4 - 2.6 mm in the bag



### CONSTANTS\*

Immersion A-Scan and IOL Master	A-Constant SRK/T: 118.8
	ACD: 5.45
	Surgeon Factor: 1.66
	Haigis Constant: $a_0$ : 1.26 / $a_1$ : 0.40 / $a_2$ : 0.10
Applanation A-Scan	A-Constant: 117.0
	ACD: 4.38
	Surgeon Factor: 0.66

\* Constants are estimates only.  
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develops their own values.  
Latest update: June 2017



MULTIFOCAL

HYDROPHOBIC

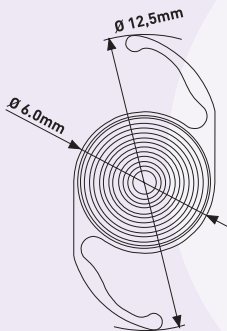
MINI-INCISION



## FOCUSforce™ Re-vision INTRAOCULAR LENS

### Single Piece Hydrophobic Multifocal IOL

- ✓ High quality hydrophobic material
- ✓ 360° posterior square edge design for decreasing PCO rate
- ✓ Pupil-independent diffractive optic
- ✓ Excellent low-light near vision
- ✓ Comfortable reading distance



For more information on content and clinical sources,  
please refer to the IOL sales materials.

**BAUSCH + LOMB**

MONOFOCAL

3-PIECE  
SEMI-LOADED

SILICONE



## SOFPORT® AO

3-PIECE ASPHERIC IOL  
SEMI-LOADED

Ref **LI61AORxxxx**



### MATERIAL

Optic: Silicone  
Haptics: PMMA  
UV-blocker  
Refractive index: 1.43

### DESIGN

Monofocal Aberration-Free Aspheric Optic  
C-modified haptics  
5° angulation  
360° posterior square edge  
Optic diameter: 6.0 mm  
Overall diameter: 13.0 mm  
In the bag or ciliary sulcus

### DIOPTRER RANGE

From 0.0 D to +34.0 D

0.0 D to +4.0 D in 1.0 D increments
+5.0 D to +30.0 D in 0.5 D increments
+31.0 D to +34.0 D in 1.0 D increments

### INJECTOR

Easy-Load (semi-loaded) EZ-24 (1/box)  
Recommended incision size: 2.4 mm in the bag



### CONSTANTS\*

Immersion A-Scan and IOL Master	A-Constant SRK/T: 118.7
	ACD: 5.40
	Surgeon Factor: 1.62
	Haigis Constant: $a_0$ : 0.057 / $a_1$ : 0.186 / $a_2$ : 0.171
Applanation A-Scan	A-Constant: 118.0
	ACD: 5.00
	Surgeon Factor: 1.22

\* Constants are estimates only.  
It is recommended that each surgeon  
develops their own values.  
Latest update: June 2017



MONOFOCAL

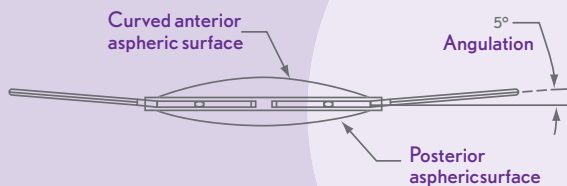
3-PIECE  
SEMI-LOADED

SILICONE



## SOFPOR<sup>®</sup> AO INTRAOCULAR LENS

- ✓ Foldable 3-piece IOL
- ✓ Aberration-Free Aspheric Optic
- ✓ Moderate refractive index and curved anterior surface
- ✓ 360° posterior square edge and 5° angulation designed for optimum PCO minimisation
- ✓ Predictable and stable refractive outcomes
- ✓ Semi-loaded injector to facilitate lens insertion: easy to fold and controlled unfolding

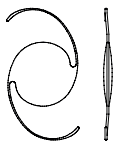


**BAUSCH + LOMB**



MONOFOCAL

PMMA



## PMMA EZE-60

ONE PIECE PMMA  
POSTERIOR CHAMBER IOL

Ref **8Axxx**

**MATERIAL** PMMA, UV-blocker, Refractive index: 1.49

**DESIGN** Monofocal optic, Spherical, C-modified, flexible haptics, 3° angulation, Optic diameter: 6.0 mm - Overall diameter: 12.75 mm

### DIOPTRER RANGE

From +10.0 D to +30.0 D in 0.5 D increments

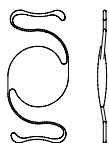
### CONSTANTS\*

Applanation A-Scan

A-Constant: 118.1

ACD: 5.02

Surgeon Factor: 1.28



## PMMA L122UV

ONE PIECE PMMA  
ANTERIOR CHAMBER IOL

Ref **8Uxxx**

**MATERIAL** PMMA, UV-blocker, Refractive index: 1.49

**DESIGN** Monofocal optic, Spherical, One piece IOL with four point fixation, Flexible, S-modified haptics, 3.7° angulation  
Optic diameter: 6.0 mm - Overall diameter: 13.75 mm

### DIOPTRER RANGE

From +5.0 D to +30.0 D in 0.5 D increments

### CONSTANTS\*

Applanation A-Scan

A-Constant: 115.8

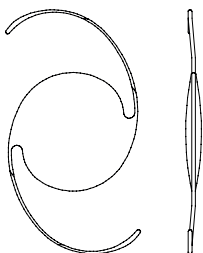
ACD: 3.68

Surgeon Factor: -0.02

\* Constants are estimates only.  
It is recommended that each surgeon  
develops their own values.  
Latest update: June 2017

MONOFOCAL

PMMA

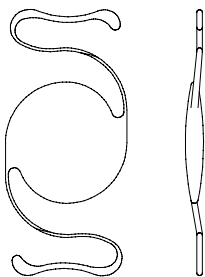


## PMMA EZE-60

INTRAOCULAR LENS

Designed to be implanted in the posterior chamber

- ✓ Foldable haptics to ease insertion
- ✓ PMMA haptics



## PMMA L122UV

INTRAOCULAR LENS

Designed to be implanted in the anterior chamber

- ✓ 4-point fixation
- ✓ PMMA haptics
- ✓ White-to-white range 11.5 mm to 12.25 mm



**BAUSCH + LOMB**

VISCOELASTIC

COHESIVE



**AMVISC®**  
SODIUM HYALURONATE -  
COHESIVE VISCOELASTIC

Ref **59081L**

Contains 1.2 % Sodium Hyaluronate in physiological saline solution.

**MOLECULAR WEIGHT**

1 to 2.9 million Daltons

**VISCOSITY AT 25°C**

40,500 ± 6,000 mPa.s (at 1.0 s<sup>-1</sup>)

Osmolarity 320 mOsm

pH: 6.8 - 7.6

**STORAGE**

Between 2°C and 8°C

**CONTENT & CANNULA**

0.8 ml

27 G

VISCOELASTIC

COHESIVE



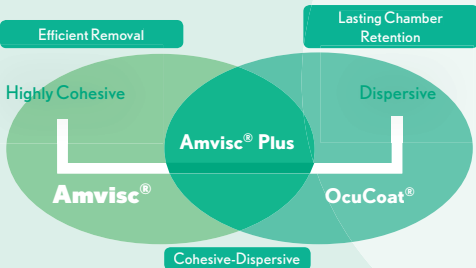
AMVISC®  
VISCOELASTIC

Amvisc® is a general purpose viscoelastic with high viscosity that provides optimal chamber maintenance. Ideal for the surgeon who performs cataract surgery using the planned extracapsular technique.

LENS REMOVAL

LENS IMPLANTATION

COMPLETE AND EFFICIENT REMOVAL



BAUSCH + LOMB

VISCOELASTIC

DISPERSIVE / COHESIVE



## AMVISC® PLUS

SODIUM HYALURONATE DISPERSIVE/  
COHESIVE VISCOELASTIC

Ref **60081L**

Contains 1.6 % Sodium Hyaluronate in physiological saline solution.

### MOLECULAR WEIGHT

1 to 2.9 million Daltons

### VISCOSITY AT 25°C

55,700 ± 8,200 mPa.s (at 1.0 s<sup>-1</sup>)

Osmolarity 340 mOsm

pH: 6.8 - 7.6

### STORAGE

Between 2°C and 8°C

### CONTENT & CANNULA

0.8 ml

27 G

VISCOELASTIC

DISPERSIVE / COHESIVE



## AMVISC® PLUS

VISCOELASTIC

Amvisc® Plus is molecularly engineered with a versatile range of cohesion that provides lasting chamber retention plus efficient removal at the end of the case.

Cohesive versatility allows you to do what you want to do throughout the procedure, without the need for a second viscoelastic. Amvisc® Plus is the versatile viscoelastic that is ideal for every step of your surgery including MICS procedures.

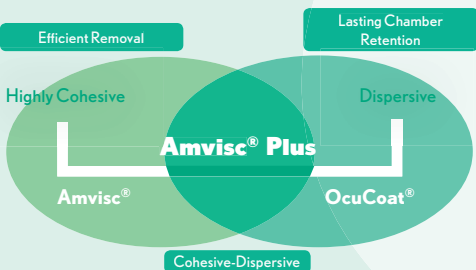
CAPSULORHEXIS

HYDRODISSECTION

LENS EXTRACTION

LENS IMPLANTATION

EASY REMOVAL



BAUSCH + LOMB

VISCOELASTIC

DISPERSIVE



**OcuCoat®**  
HYDROXY-PROPYL-  
METHYLCELLULOSE  
DISPERSIVE VISCOELASTIC



Ref **CC050S / CC100SL / CC065S**

1 ml OcuCoat® contains 2% hydroxypropylmethylcellulose (HPMC) in balanced physiological saline solution.

**MOLECULAR WEIGHT**

≥ 80,000 Daltons

**VISCOSITY AT 25°C**

4,000 ± 1,500 mPa.s (at 0.0 s<sup>-1</sup>)

Osmolarity 285 ± 32 mOsm

pH: 7.2 ± 0.4

**STORAGE**

Between 2°C and 25°C

**CONTENT & CANNULA**

1 ml for CC050S 25 G

2 ml for CC100SL **5G**

~~1 ml x 6 for CC065S 25 G~~

VISCOELASTIC

DISPERSIVE



OcuCoat<sup>®</sup>  
VISCOELASTIC

OcuCoat<sup>®</sup> is a sterile, isotonic, protein-free and dispersive viscoadherent solution for ophthalmic use.

OcuCoat<sup>®</sup> is ideal for high volume anterior segment surgery. Formulated from low molecular weight 2% hydroxypropylmethylcellulose, OcuCoat<sup>®</sup> is a tissue protective substance with high lubrication qualities throughout the procedure.

### IOL IMPLANTATION

Efficient Removal

Lasting Chamber Retention

Highly Cohesive

Dispersive

Amvisc<sup>®</sup> Plus

Amvisc<sup>®</sup>

OcuCoat<sup>®</sup>

Cohesive-Dispersive

BAUSCH + LOMB



VISCOELASTIC

SUPREME COHESIVE



**EYEFILL® S.C.**

SODIUM HYALURONATE SUPREME  
COHESIVE VISCOELASTIC

Ref **EYEFILL-SC**

Contains 2 % Sodium Hyaluronate in physiological saline solution.

**MOLECULAR WEIGHT**

3.2 to 3.5 million Daltons

**VISCOSITY AT 25°C**

400,000 mPa.s (at 0.1 s<sup>-1</sup>)

Osmolarity 280-330 mOsmol/l

pH: 6.8 - 7.6

**STORAGE**

Between 2°C and 25°C

**CONTENT & CANNULA**

0.9 ml

25 G

VISCOELASTIC

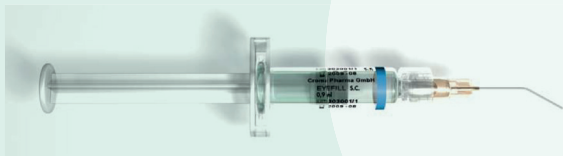
SUPREME COHESIVE



**EYEFILL® S.C.**  
VISCOELASTIC

EYEFILL® S.C. is a highly-viscous cohesive viscoelastic indicated in case of flat anterior chambers and iris prolapse

- ✓ Stabilizes and pressurizes the anterior chamber
- ✓ Creates a lot of space for convenient surgical intervention
- ✓ Good protection of intraocular tissues
- ✓ Very easy to remove



**BAUSCH + LOMB**

VISCOELASTIC

COHESIVE



**EYEFILL® C.**  
SODIUM HYALURONATE  
COHESIVE VISCOELASTIC

Ref **EYEFILL-C**

Contains 1.4 % Sodium Hyaluronate in physiological saline solution.

**MOLECULAR WEIGHT**

3.2 to 3.5 million Daltons

**VISCOSITY AT 25°C**

120,000 mPa.s (at 0.1 s<sup>-1</sup>)

Osmolarity 280-330 mOsmol/l

pH: 6.8 - 7.6

**STORAGE**

Between 2°C and 8°C

**CONTENT & CANNULA**

1.0 ml

25 G

VISCOELASTIC

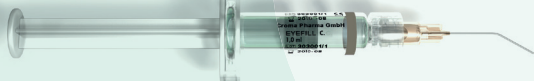
COHESIVE



**EYEFILL® C.**  
VISCOELASTIC

EYEFILL® C. is a viscous cohesive viscoelastic for standard cataract surgical procedure

- ✓ Constant stabilization of the anterior chamber and the capsular bag
- ✓ Securing of protection of the sensitive ophthalmic tissues
- ✓ Indicated in standard cataract surgery
- ✓ Easy to remove



**BAUSCH + LOMB**

**VISCOELASTIC**

**DISPERSIVE / COHESIVE**



## **EYEFILL® D.C.**

**SODIUM HYALURONATE  
HYDROXY-PROPYL-  
METHYLCELLULOSE DISPERSIVE  
COHESIVE VISCOELASTIC**

Ref **EYEFILL-DC**

Contains 1.37 % Sodium Hyaluronate and 0.57 % hydroxypropylmethylcellulose (HPMC) in physiological saline solution.

### **MOLECULAR WEIGHT**

NaHA: 3.2 - 3.5 million Daltons

HPMC: 20,000 Daltons

### **VISCOSITY AT 25°C**

100,000 mPa.s (at 0.1 s<sup>-1</sup>)

Osmolarity 270-390 mOsmol/l

pH: 6.8 - 7.6

### **STORAGE**

Between 2°C and 8°C

### **CONTENT & CANNULA**

1.0 ml

25 G

VISCOELASTIC

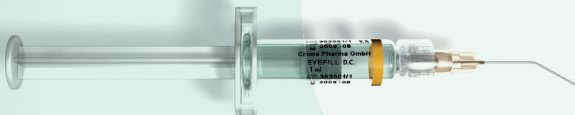
DISPERSIVE / COHESIVE



**EYEFILL® D.C.**  
VISCOELASTIC

## EYEFILL® D.C.: Dispersive Cohesive rheo-reactive viscoelastic solution

- ✓ Maintains a constant deep anterior chamber
- ✓ Protects the corneal endothelium throughout the whole cataract surgery
- ✓ Combines cohesiveness of Hyaluronic Acid with dispersive cell protective properties of HPMC
- ✓ Suitable for micro-incision cataract surgery with good tissues protection and good maintenance of the anterior chamber
- ✓ Indicated in standard cases when extra cell protection is required



**BAUSCH + LOMB**

**VISCOELASTIC**

**DISPERSIVE / COHESIVE**



## **EYEFILL® M.B.**

**SODIUM HYALURONATE DISPERSIVE  
COHESIVE VISCOELASTIC**

Ref **EYEFILL-MB**

Contains 1.8 % Sodium Hyaluronate (MEGA I) + 1.4 % Sodium Hyaluronate (BIO II) in physiological saline solution.

### **MOLECULAR WEIGHT**

3.2 to 3.5 million Daltons

### **VISCOSITY AT 25°C**

MEGA I: 100,000 mPa.s (at 0.1 s<sup>-1</sup>)

BIO II: 80,000 mPa.s (at 0.1 s<sup>-1</sup>)

Osmolarity 280-330 mOsmol/l

pH: 6.8 - 7.6

### **STORAGE**

Between 2°C and 8°C

### **CONTENT & CANNULA**

MEGA I: 0.55 ml

BIO II: 0.8 ml

25 G

VISCOELASTIC

DISPERSIVE / COHESIVE



EYEFILL® M.B.  
VISCOELASTIC

EYEFILL® M.B.: offers surgeons the choice between 2 viscoelastic fluids of different viscosities for all needs during cataract surgery

- ✓ Maintains constant stabilization of the anterior chamber and capsular bag
- ✓ Assures notable protection of the sensitive corneal endothelium
- ✓ 2 single-use glass syringes miscible and compatible : MEGA I (1.8% biofermentative Hyaluronic Acid) and BIO II (1.4% biofermentative Hyaluronic Acid)
- ✓ Suitable for Mini and Micro-Incision surgery (2.2 mm or less)



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**VISCOELASTIC**

**HIGH DISPERSIVE**



## **EYEFILL® H.D.**

**HYDROXY-PROPYL-  
METHYLCELLULOSE HIGH DISPERSIVE  
VISCOELASTIC**

Ref **EYEFILL-HD**

Contains 2.0 % hydroxypropylmethylcellulose (HPMC)  
in physiological saline solution.

### **MOLECULAR WEIGHT**

86,000 Daltons

### **VISCOSITY AT 25°C**

3,200 mPa.s (at 5 s<sup>-1</sup>)

Osmolarity 265-300 mOsmol/l

pH: 6.8 - 7.6

### **STORAGE**

Between 2°C and 25°C

### **CONTENT & CANNULA**

2.5 ml

23 G

**VISCOELASTIC**

**HIGH DISPERSIVE**



**EYEFILL® H.D.**  
**VISCOELASTIC**

## EYEFILL® H.D.: High Dispersive, multifunctional viscoelastic fluid

- ✓ Effective cell protection
- ✓ Prevents damage of the endothelial cells during surgery
- ✓ Useful adjuvant for funduscopy and gonioscopy
- ✓ Could be used as a coupling fluid for diagnostic and therapeutic contact lenses



**BAUSCH + LOMB**

VISCOELASTIC

HIGH  
DISPERSIVE

CORNEA  
PROTECTION



CORNEA  
PROTECT®

HYDROXY-PROPYL-  
METHYLCELLULOSE HIGH  
DISPERSIVE VISCOELASTIC

Ref **CORNEAPRO**



Contains 2 % hydroxypropylmethylcellulose (HPMC).

#### MOLECULAR WEIGHT

86,000 Daltons

#### STORAGE

Between 15°C to 25°C

#### CONTENT

Sterile 2 ml single-dose unit for single use (10/box)



VISCOELASTIC

HIGH  
DISPERSIVE

CORNEA  
PROTECTION



CORNEA  
PROTECT®  
VISCOELASTIC

Cornea Protect® is a sustained corneal hydration for professional use in ophthalmic surgery in single-dose unit

#### Optimizes the process of ophthalmic procedures

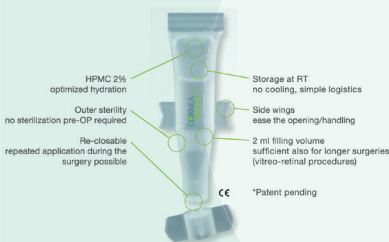
- ✓ 1 drop lasts for up to 20 min (the average duration of a cataract procedure)
- ✓ Protects the cornea 10 times longer compared to Balanced Salt Solution<sup>1</sup>
- ✓ Surgery without interruption, reduces the manipulations performed by the OP assistant<sup>1</sup>

#### Enhanced view

- ✓ Fast optical clarity
- ✓ Magnifying effect and crystal clear sight onto the operating field with up to 1/3 magnification

#### Less corneal damages after the surgery

- ✓ Reduction of post-op stipping, decreased risk of corneal lesions compared to Balanced Salt Solution
- ✓ Increased breakup time after the surgery compared to Balanced Salt Solution<sup>1</sup>
- ✓ Enhanced comfort for the patient during the surgery<sup>1</sup>



1. Chen Y-A, Hirschschall N and Findl O. Comparison of corneal wetting properties of viscous eye lubricant and balanced salt solution to maintain optical clarity during cataract surgery. Submitted to J Cataract Refract Surg. In press.



BAUSCH + LOMB

CAPSULAR  
TENSION RING

PMMA

PRELOADED



**ACPi-11**  
PMMA CAPSULAR  
TENSION RING  
Ref **ACPi-11**



### MATERIAL

PMMA

Sterilization: ETO

### DESIGN

One piece

Diameter: 11 mm

### PRELOADED



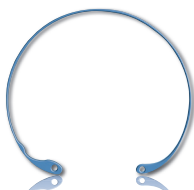
### INDICATION

- ✓ Cataract surgeries of subluxated lenses
- ✓ Zonular desinsertion
- ✓ Zonular weakness
- ✓ Risk of capsular retraction
- ✓ High myopia
- ✓ Prevention of capsular bag shrinkage in patients with congenital cataract

CAPSULAR  
TENSION RING

PMMA

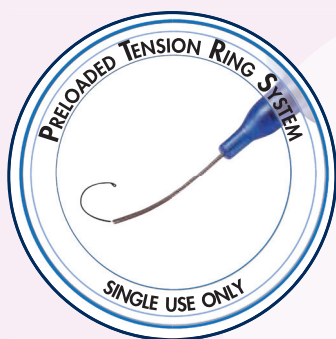
PRELOADED



## ACPi-11 CAPSULAR TENSION RING

ACPi-11 ready-to-use PMMA capsular tension ring in a preloaded single-use injector system

- ✓ Repositioning of loose or desinserted zonulas in order to thwart the contraction strength of the capsular bag
- ✓ Maintains the posterior capsule taut and capsular folds can be avoided
- ✓ Time-saving system



**BAUSCH + LOMB**

STAINING SOLUTION

SINGLE-DOSE  
UNIT



**BCC**  
**BLUE COLOR**  
**CAPS®**  
TRYPAN BLUE  
STAINING SOLUTION  
Ref **8000000534**

Contains 0.06 % purified Trypan Blue solution.

#### OSMOLARITY

250-350 mOsm/kg H<sub>2</sub>O

#### pH

7.0 and 7.5

#### CONTENT & CANNULA

Single dose 2.25 ml sterile syringe containing 0.75 ml of a 0.06 % solution (10/box)

#### THE IDEAL SOLUTION FOR NUMEROUS CASES

- ✓ Higher success rates in continuous curvilinear capsulorhexis in mature cataracts<sup>1,2</sup>
- ✓ Pediatric cataract surgery<sup>3,4</sup>
- ✓ Finding / visualizing clear corneal incision by coating the blade with Trypan Blue<sup>5</sup>
- ✓ Learning process of trainee surgeons in absence of red reflex<sup>6</sup>
- ✓ Penetrating and deep lamellar keratoplasties<sup>7,8</sup>

1. Melles GR et al: Trypan blue capsule staining to visualize the capsulorhexis in cataract surgery. J Cataract Refract Surg 1999; 25:7-9

2. Jacob S. et al: Trypan blue as an adjunct for safe phacoemulsification in eyes with white cataract. J Cataract Refract Surg 2002; 28:1819-1825

3. Brown SM, Graham WA, Mc Cartney DL: Trypan blue in pediatric cataract surgery. J Cataract Refract Surg 2004; 10:2033

4. Saini JS et al: Anterior and posterior capsulorhexis in pediatric cataract surgery with or without trypan blue dye - Randomized prospective clinical study. J Cataract Refract Surg 2003; 29:1733-1737

5. Kayikcioglu O.: Clear corneal incision with trypan-blue-coated blades. J Cataract Refract Surg 2007; 33(2):351-352

6. Dada T. et al: Trypan-blue-assisted capsulorhexis for trainee phacoemulsification surgeons. J Cataract Refract Surg 2002; 28(4):575-576

7. Roos JC, P, Kerr Muir MG: Use of trypan blue for penetrating keratoplasty. J Cataract Refract Surg 2005; 31:1867-1869

8. Balestrazzi E et al: Deep lamellar keratoplasty with trypan blue intrastromal staining. J Cataract Refract Surg 2002; 28:929-931

STAINING SOLUTION

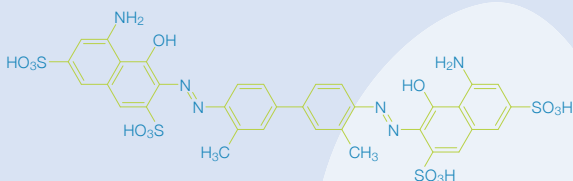
SINGLE-DOSE  
UNIT



## BCC BLUE COLOR CAPS® STAINING SOLUTION

BCC® is a Sterile Trypan Blue Staining solution for cataract surgery

- ✓ Proven staining agent<sup>9,10</sup>
- ✓ Proven long track records of safety<sup>11-15</sup>
- ✓ Ready-to-use (0.06 % Trypan Blue)

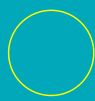
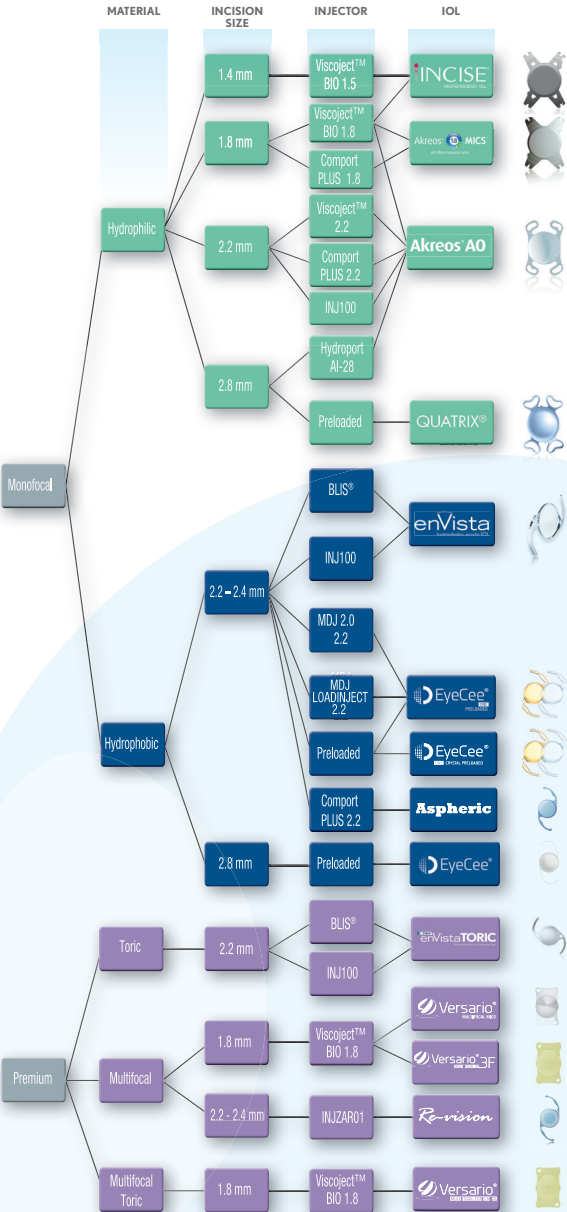


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- Dada VK et al: Anterior capsule staining for capsulorhexis in cases of white cataract- Comparative clinical study. *J Cataract Refract Surg* 2004; 30:326-333
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- Chung Chong Fai et al: Safety of trypan blue 1% and indocyanine green 0.5% in assisting visualization of anterior capsule during phacoemulsification in mature cataract. *J Cataract Refract Surg* 2005; 31:938-942
- Chang Yi-Sheng et al: Comparison of dyes for cataract surgery - Part 1: Cytotoxicity to corneal endothelial cells in a rabbit model. *J Cataract Refract Surg* 2005; 31:792-798

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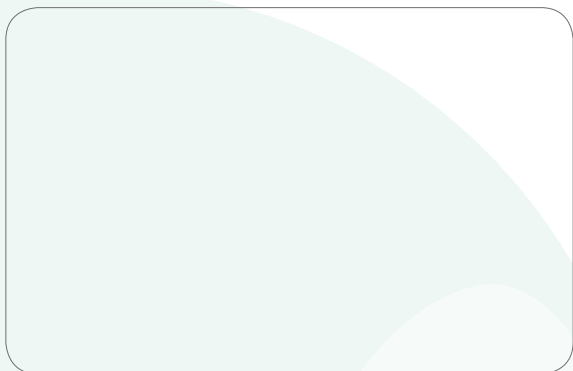
# Bausch + Lomb IOL selection





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See better. Live better.



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