



PRODUCT GUIDE

S P E C T R U M
INTERNATIONAL

#specialize
#lamspectrum /spctinternational



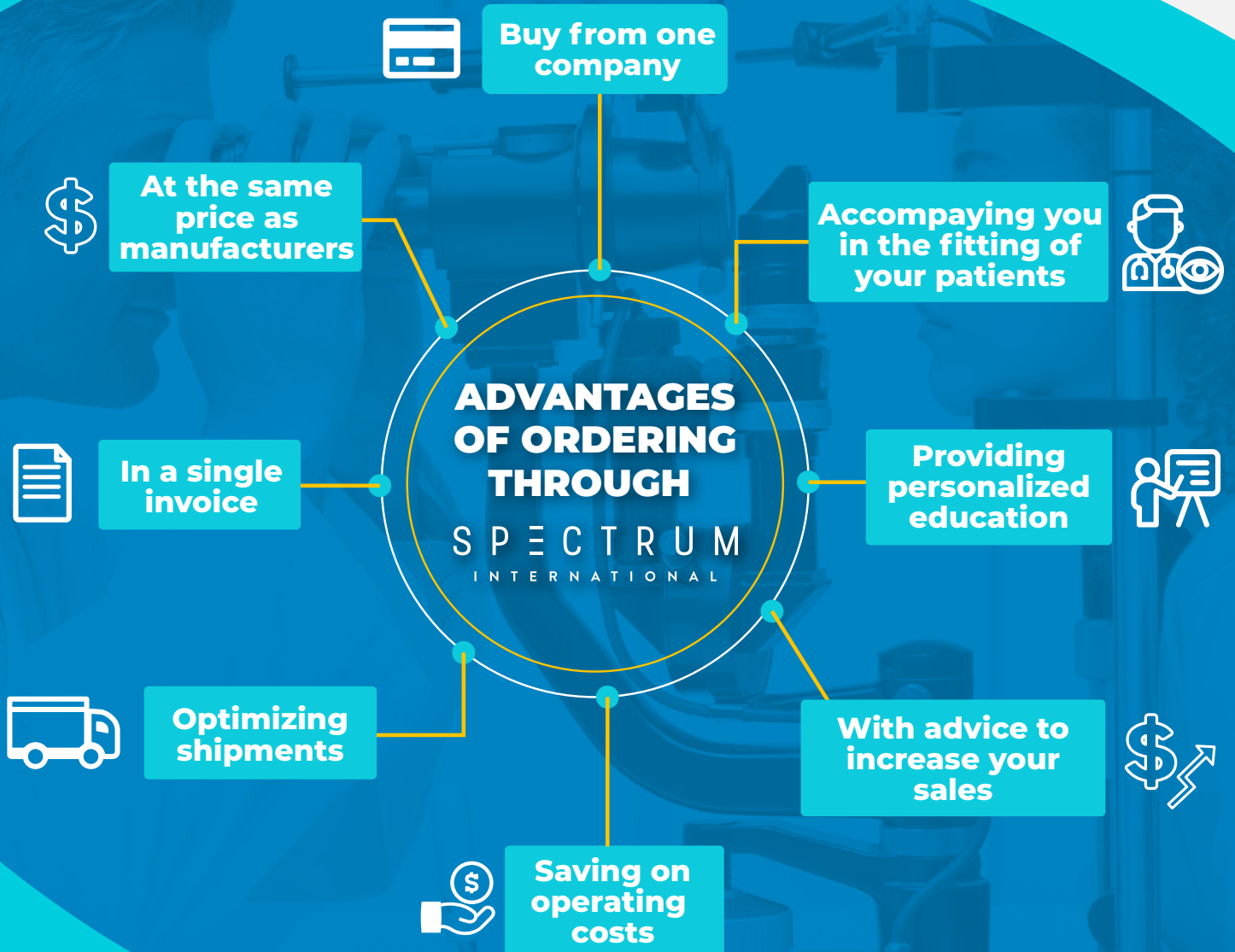
www.spctinternational.com

**FOCUSED ON THE
EDUCATION AND DIFFERENTIATION
OF VISUAL SPECIALISTS THROUGH
THE LARGEST PORTFOLIO
IN THE INDUSTRY**



S P E C T R U M
I N T E R N A T I O N A L

ONE STOP SHOP



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A woman with blonde hair is shown in profile, looking upwards towards a bright sunset. The background is a soft, hazy landscape with mountains. Overlaid on the right side of the image is a semi-transparent white box containing a list of specialty contact lens options. To the left of this list, there are several thin, curved teal lines that sweep upwards, and a vertical teal line with horizontal tick marks that aligns with each item in the list.

SPECIALTY CONTACT LENSES

Scleral Lenses

GP Lenses

Ortho-K

Soft Custom Lenses

Prosthetic Lenses

Hybrid Lenses

Soft KC Lenses

Myopia Management Lenses

Solutions

MOLDED CONTACT LENSES

S P E C T R U M

I N T E R N A T I O N A L



We improve every day to bring to your office
the highest quality products



High definition vision
Aberration control



**GrabSoo
Technology**

Claria is the most innovative and comfortable silicone hydrogel lens on the market with the highest technology parameters such as: Class 1 UV Filter which blocks 90% of UVA and 99% of UVB rays, HD Vision, Aberration Control and Grabsoo Technology.

PARAMETERS

CLARIA ASPHERIC

MATERIAL	Silicone Hydrogel
WATER CONTENT	45%
BASE CURVE	8.6mm
DIAMETER	14.2mm
POWER	+6.00 to -6.00 (0.25 step) -6.50 to -12.00 (0.50 step) +6.50 to +8.00 (0.50 step)
DK	70
DK/t (@-3.00D)	119
MODULUS	0.4 - 0.5
PACK	6

CLARIA TORIC

MATERIAL	Silicone Hydrogel
WATER CONTENT	45%
BASE CURVE	8.6mm
DIAMETER	14.2mm
POWER	SPH: +6.00 to -6.00 (0.25 step) -6.50 to -12.00 (0.50 step)
CYLINDER POWER	-0.75, -1.25, -1.75, -2.25, -2.75
AXIS	10° to 180° (in 10° steps)
DK	70
DK/t (@-3.00D)	75
MODULUS	0.4 - 0.5
PACK	6



Spheric



Toric

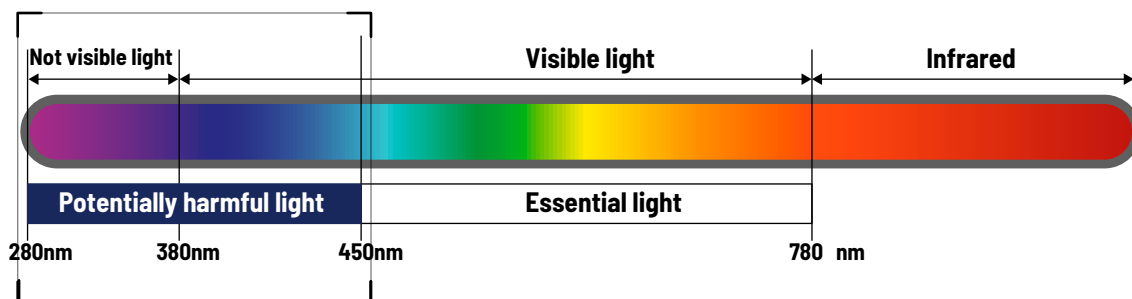


Monthly



LENS WITH LOCK BLUE LIGHT

Every day we are exposed to high energy light



Blue light is a range of the visible light spectrum, defined by having a short wavelength between 400 to 450nm with high energy in the visible region. Blue light penetrates the lens and adversely affect retinal epithelial cells (macular degeneration, eye strain, decreased vision, etc).

PARAMETERS

MATERIAL	Methafilcon A
WATER CONTENT	55%
BASE CURVE	8.6mm
DIAMETER	14.2mm
POWER	+0.25 to +6.00 (0.25 step) -0.00 to -6.00 (0.25 step) -6.50 to -10.00 (0.50 step)
DK	20
PACK	6



ASSL Technology Aqua Safety Shield Layer

Easy and comfortable fitting

Claria H lenses have two geometries which are **Claria H Toric** designed for users with astigmatism that ensures clear and stable vision throughout the day and **Claria H Spherical** for the correction of myopia or hyperopia providing clear vision even in low light or low contrast and are made of Hioxifilcon D material that favors the accumulation of water on the surface of the cornea and reduces friction with the eye. Thanks to their moisturizing properties, **Claria H** lenses do not dehydrate and the wearer will not feel any discomfort when using them. The material maintains ocular hydration, guaranteeing excellent comfort throughout the entire wearing time.

It also has a Class 2 UV filter that protects the eyes against the harmful effects of UVA radiation by 85% and UVB by 40%.

PARAMETERS

	SPHERIC
MATERIAL	Hioxifilcon D
WATER CONTENT	55%
BASE CURVE	8.6mm
DIAMETER	14.2mm
POWER	+12.00 to +6.50D (0.50Dn step) +6.00 to -6.00D (0.25D step) -6.50 to -20.00D (0.50D step)
VISIBILITY TINT	Blue
CENTER THICKNESS	0.102 mm @ -3.00D
PACK	6

	TORIC
MATERIAL	Hioxifilcon D
WATER CONTENT	55%
BASE CURVE	8.6mm
DIAMETER	14.2mm
POWER	+6.00 to +4.50D (0.25D step) +4.00 to -6.00D (0.25D step) -6.50 to -12.00D (0.50D step)
VISIBILITY TINT	Blue
CYLINDER POWER	-0.75, -1.25, -1.75, -2.25
AXIS	10° to 180° (Every 10 degree)
AXIS MARKS	Single arrow indication at 6 o'clock
CENTER THICKNESS	0.108mm @ -3.00D
PACK	6



Spheric



Toric



Monthly



Improved oxygen
transmission

Improved stability
on eye

XtenSA Premium Aspheric and **XtenSA Premium Toric** contact lenses provide superior visual acuity and long-lasting comfort. That's because they are made with **Aquagrip® Technology**, whose water retention properties improve resistance to dehydration and increase the wettability of the lens surface with enhanced hydrophilic properties.

PARAMETERS

SPHERIC

MATERIAL	43% Hioxifilcon A, 57% Water Cont.
BASE CURVE	8.6mm
DIAMETER	14.2mm
POWER	-12.00 to +6.00D +00.00 to -6.00D (0.25D step) -6.50 to -12.00D (0.50D step) +00.00 to +4.00D (0.25D step) +4.50 to +6.00D (0.50D step)
HANDLING TINT	LIGHT BLUE
NOMINAL CENTRE THICKNESS	0.084mm @ -3.00D
DK/t (@-3.00D)	30.11x10 ⁻⁹ (cm/s)(mlO2/ml.mm Hg)
OXYGEN PERMEABILITY DK@35°C	25.29x10 ⁻¹¹ (cm ² /s)(mlO2/ml.mm Hg)
PACK	6

TORIC

MATERIAL	43% Hioxifilcon A, 57% Water Cont.
BASE CURVE	8.7mm
DIAMETER	14.4mm
POWER	-8.00 to +4.00D +00.00 to -6.00D (0.25D step) -6.50 to -8.00D (0.50D step) +00.00 to +4.00D (0.25D step)
HANDLING TINT	LIGHT BLUE
CYLINDER POWER	-0.75D, -1.25D, -1.75D, -2.25D and -2.75D*
AXIS	10° to 180° (in 10° steps)
AXIS MARKS	Single arrow indication at 6 o'clock
NOMINAL CENTRE THICKNESS	0.099mm @ -3.00D
DK/t (@-3.00D)	24.70x10 ⁻⁹ (cm/s)(mlO2/ml.mm Hg)
OXYGEN PERMEABILITY DK@35°C	24.45x10 ⁻¹¹ (cm ² /s)(mlO2/ml.mm Hg)
PACK	6

* Cylinder Power -2.75D requires a minimum purchase.



True Edge™ Comfort

Xtensa provides an optimal balance of handling, comfort and vision. The lens has been enhanced with aberration correcting aspheric optics to optimize the overall visual experience and encompasses a design philosophy that addresses the wearer's handling and comfort needs.

The larger diameter of **Xtensa** assists in centering the lens on the eye and ensures a wide latitude fit over a wide range of corneal sizes, providing practitioners with a versatile fitting lens.

PARAMETERS

MATERIAL	45% Methafilcon A, 57% Water Cont.
BASE CURVE	8.7mm
DIAMETER	14.5mm
POWER	-12.00 to +6.00D +00.00 to -6.00D (0.25D step) -6.50 to -12.00D (0.50D step) +00.00 to +4.00D (0.25D step) +4.50 to +6.00D (0.50D step)
HANDLING TINT	LIGHT BLUE
NOMINAL CENTRE THICKNESS	0.090mm @ -3.00D
DK/t (@-3.00D)	26.03×10^{-9} (cm/s) (mlO ₂ /ml.mm Hg)
OXYGEN PERMEABILITY DK@35°C	23.43×10^{-11} (cm ² /s) (mlO ₂ /ml.mm Hg)
PACK	6



Inspire your eyes

markennövy

SOFT CUSTOM LENSES

MONTHLY CONTACT LENSES



Blu:gen - monthly

Individualized contact lens
3 Pack

- ☐ SPHERIC ☐ MULTIFOCAL
☐ TORIC ☐ MULTIFOCAL TORIC

Blu:gen is a silicone hydrogel lens, combining a Class I UV Filter with selective Blue Light Blocking to protect the eye from upwards of 99% of UVB, 93% of UVA, and 14% of harmful blue-violet light. Its high water content, low dehydration material featuring the lowest modulus of all silicone hydrogels on the market (0.25 Mpa) offers your patients a healthy, comfortable all-day wearing experience.



Blu:kidz - monthly

Individualized contact lens
3 Pack

- ☐ SPHERIC ☐ MULTIFOCAL
☐ TORIC ☐ MULTIFOCAL TORIC

Blu:kidz is a silicone hydrogel lens, combining a Class 1 UV Filter with selective Blue Light Blocking to protect the eye from upwards of 99% of UVB, 93% of UVA, and 14% of harmful blue-violet light. Its child-friendly range of diameters makes it possible to fit even the smallest of eyes, whilst its green handling tint and high water content, low dehydration material provide improved handling and comfort-perfect for first-time contact lens wearers!

CALCULATE THE LENS WITH Ø AND BC

Blu:gen y Blu:kidz Fitting Guide

Lens Ø: Add 3mm to the visible iris diameter
BC: Km = (K1+K2)/2

DØ (mm)	BC (mm)	Km= (K1+K2)/2
11.50/12.00	6.50 - 8.30	Km +0.0
12.50	6.50 - 8.60	Km +0.0
13.00	6.50 - 8.90	Km +0.0
13.50	6.80 - 9.20	Km +0.1
14.00	7.10 - 9.50	Km +0.4
14.50	7.40 - 9.80	Km +0.5
15.00	7.70 - 9.80	Km +0.7
15.50	8.00 - 9.80	Km +0.9
16.00	8.30 - 9.80	Km +1.1
16.50	8.60 - 9.80	Km +1.3

PARAMETERS

BASE CURVES (mm)	6.50 to 9.80 (0.30)
DIAMETERS (mm)	11.50 to 16.50 (0.50)
SPHERES (D)	±30.00 (0.25)
CYLINDERS (D)	-0.75 to -8.00 (0.25)
AXES (°)	All (1°)
ADDITIONS	0.50 to 4.00 (0.25) CD/CN

MATERIAL

TYPE	Silicone Hydrogel (75% H ₂ O)
SELECTIVE BLUE LIGHT FILTER	Yes: blocks at least 14% of harmful blue-violet light
FIRST CLASS UV FILTER	Yes: blocks at least 93% of UVA and 99% of UVB light
WATER CONTENT	75%
CENTRAL THICKNESS (-3.00 D)	0.12
DK (ISO 9913-1-1998)	60
DK/T (-3.00 D)	50
HANDLING TINT	Green
MODULUS	0.25
PACK SIZE	3 Pack
MANUFACTURING PROCESS	Lathed
CoF	0.09

PARAMETERS

BASE CURVES (mm)	6.50 to 9.80 (0.30)
DIAMETERS (mm)	11.50 to 16.50 (0.50)
SPHERES (D)	±30.00 (0.25)
CYLINDERS (D)	-0.75 to -8.00 (0.25)
AXES (°)	All (1°)
ADDITIONS	0.50 to 4.00 (0.25) CD/CN

MATERIAL

TYPE	Silicone Hydrogel (75% H ₂ O)
SELECTIVE BLUE LIGHT FILTER	Yes: blocks at least 14% of harmful blue-violet light
FIRST CLASS UV FILTER	Yes: blocks at least 93% of UVA and 99% of UVB light
WATER CONTENT	75%
CENTRAL THICKNESS (-3.00 D)	0.12
DK (ISO 9913-1-1998)	60
DK/T (-3.00 D)	50
HANDLING TINT	Green
MODULUS	0.25
PACK SIZE	3 Pack
MANUFACTURING PROCESS	Lathed
CoF	0.09

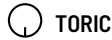


Saphir Rx - monthly

Individualized contact lens
3 Pack



SPHERIC



TORIC



MULTIFOCAL



MULTIFOCAL TORIC

Saphir RX is a silicone hydrogel lens, featuring a comfortable high water content, low dehydration material with a highly lubricious surface (CoF = 0.09). Its low modulus (0.29 Mpa) adds to the comfort of the lens whilst ensuring vision quality and easy handling throughout the lens' life cycle.

CALCULATE THE LENS WITH Ø AND BC

Saphir RX Fitting Guide

Lens Ø: Add 3mm to the visible iris diameter
BC: Km = (K1+K2)/2

DØ (mm)	BC (mm)	Km = (K1+K2)/2
13.00	6.50 - 8.90	Km +0.0
13.50	7.10 - 9.20	Km +0.1
14.00	7.40 - 9.50	Km +0.3
14.50	7.70 - 9.80	Km +0.5
15.00	8.00 - 9.80	Km +0.7
15.50	8.30 - 9.80	Km +0.9
16.00	8.60 - 9.80	Km +1.1

PARAMETERS

BASE CURVES (mm)	6.80 to 9.80 (0.30)
DIAMETERS (mm)	13.00 to 16.00 (0.50)
SPHERES (D)	±30.00 (0.25)
CYLINDERS (D)	-0.75 to -8.00 (0.25)
AXES (°)	All (1°)
ADDITIONS	0.50 to 4.00 (0.50) CD/CN

MATERIAL

TYPE	Silicone Hydrogel (75% H ₂ O)
WATER CONTENT	75%
CENTRAL THICKNESS (-3.00 D)	0.12
DK (ISO 9913-1-1998)	60
DK/T (-3.00 D)	50
HANDLING TINT	No
MODULUS	0.29
UV BLOCKING	No
PACK SIZE	3 Pack
MANUFACTURING PROCESS	Lathed
CoF	0.09

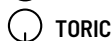


Gentle 80 - monthly

Individualized contact lens
3 Pack



SPHERIC



TORIC



MULTIFOCAL



MULTIFOCAL TORIC

Gentle 80 is a bio-inspired hydrogel lens designed to imitate the natural properties of the cornea. Its material combines high water content, low dehydration, and the lowest modulus on the market (0.13 MPa) with oxygen transmissibility that reaches silicone hydrogel levels (Dk = 60), achieving award-winning comfort and health.

CALCULATE THE LENS WITH Ø AND BC

Gentle 80 Fitting Guide

Lens Ø: Add 3mm to the visible iris diameter
BC: Km = (K1+K2)/2

DØ (mm)	BC (mm)	Km = (K1+K2)/2
13.00	7.10 - 8.90	Km +0.0
13.50	7.10 - 9.20	Km +0.0
14.00	7.40 - 9.50	Km +0.1
14.50	7.70 - 9.80	Km +0.3
15.00	8.00 - 9.80	Km +0.5
15.50	8.30 - 9.80	Km +0.7
16.00	8.60 - 9.80	Km +0.9

PARAMETERS

BASE CURVES (mm)	7.10 to 9.80 (0.30)
DIAMETERS (mm)	13.00 to 16.00 (0.50)
SPHERES (D)	±30.00 (0.25)
CYLINDERS (D)	-0.75 to -8.00 (0.25)
AXES (°)	All (1°)
ADDITIONS	0.50 to 4.00 (0.50) CD/CN

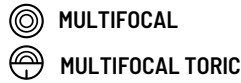
MATERIAL

TYPE	Ori:gen Technology (80% H ₂ O)
WATER CONTENT	80%
CENTRAL THICKNESS (-3.00 D)	0.12
DK (ISO 9913-1-1998)	60
DK/T (-3.00 D)	50
HANDLING TINT	Blue
MODULUS	0.13
UV BLOCKING	Yes
PACK SIZE	3 Pack
MANUFACTURING PROCESS	Lathed
CoF	0.05



Gentle 59 - monthly

Individualized contact lens
3 Pack



Gentle 59 is a bio-inspired hydrogel lens designed to imitate the natural properties of the cornea. It combines high surface lubricity (CoF = 0.05) with low dehydration (<1%) for excellent comfort, and its modulus (0.36 Mpa) has been carefully calibrated to achieve optimal handling and vision quality throughout the lens' lifecycle, without reducing comfort or health.

CALCULATE THE LENS WITH Ø AND BC

Gentle 59 Fitting Guide

Lens Ø: Add 3mm to the visible iris diameter
BC: $Km = (K1+K2)/2$

DØ (mm)	BC (mm)	Km= (K1+K2)/2
13.00	7.10 - 8.90	Km +0.0
13.50	7.10 - 9.20	Km +0.2
14.00	7.40 - 9.50	Km +0.4
14.50	7.70 - 9.80	Km +0.6
15.00	8.00 - 9.80	Km +0.8
15.50	8.30 - 9.80	Km +1.0
16.00	8.60 - 9.80	Km +1.2

PARAMETERS

BASE CURVES (mm)	7.10 to 9.80 (0.30)
DIAMETERS (mm)	13.00 to 16.00 (0.50)
SPHERES (D)	±30.00 (0.25)
CYLINDERS (D)	-0.75 to -8.00 (0.25)
AXES (°)	All (1°)
ADDITIONS	0.50 to 4.00 (0.50) CD/CN

MATERIAL

TYPE	Ori:gen Technology (59% H ₂ O)
WATER CONTENT	59%
CENTRAL THICKNESS (-3.00 D)	0.12
DK (ISO 9913-1-1998)	30
DK/T (-3.00 D)	25
HANDLING TINT	Blue
MODULUS	0.36
UV BLOCKING	Yes
PACK SIZE	3 Pack
MANUFACTURING PROCESS	Lathed
CoF	0.05

ANNUAL CONTACT LENSES



Quattro - annual

Individualized contact lens



Quattro allows us to correct spherical, toric and multifocal powers in different diameters for those patients accustomed to quarterly replacement.

PARAMETERS

BASE CURVES (mm)	SPH, TOR 7.70 to 9.80 (0.30) (Ø 14.50) MF 8.00 to 9.00 (0.20) (Ø 14.00) SPH, TOR 7.10 to 9.20 (0.30) (Ø13.00)												
DIAMETERS (mm)	SPH, TOR 13.00 & 14.50 MF 14.00												
SPHERES (D)	MF 14.00 SPH, TOR ±30.00 (0.25) MF -12.00 to +8.00 (0.25)*												
CYLINDERS (D)	-0.75 to -8.00 (0.25)												
AXES (°)	All (5°)												
ADDITIONS	<table><tr><td></td><td>SPH +</td><td>SPH -</td></tr><tr><td>A</td><td>1.00 CN</td><td>1.00 CD</td></tr><tr><td>B</td><td>1.75 CN</td><td>2.00 CD</td></tr><tr><td>C</td><td>2.50 CN</td><td>3.00 CD</td></tr></table>		SPH +	SPH -	A	1.00 CN	1.00 CD	B	1.75 CN	2.00 CD	C	2.50 CN	3.00 CD
	SPH +	SPH -											
A	1.00 CN	1.00 CD											
B	1.75 CN	2.00 CD											
C	2.50 CN	3.00 CD											

*excl. between +0.75

*excl. between ±0.75

MATERIAL

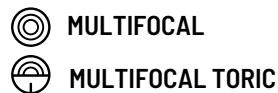
TYPE	Hydrogel (49% H ₂ O)
WATER CONTENT	49%
DK (ISO 9913-1-1998)	15
HANDLING TINT	Blue
MODULUS	0.38
PACK SIZE	Single and 2 Pack
MANUFACTURING PROCESS	Lathed
CoF	0.42

QUARTERLY CONTACT LENSES



Saphir - quarterly

Individualized contact lens
Single and 2 Pack



Saphir represents a family of monthly and trimestral soft contact lenses manufactured individually with silicone hydrogel, the most advanced material in the market, that excels in oxygen flow to your eye. the unique combination of quality of vision, comfort and breathability fits perfectly even on the most demanding soft contact lens user.

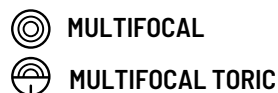
PARAMETERS	
BASE CURVES (mm)	6.80 to 9.80 (0.30)
DIAMETERS (mm)	13.00 to 16.00 (0.50)
SPHERES (D)	±30.00 (0.25)
CYLINDERS (D)	-0.75 to -8.00 (0.25)
AXES (°)	All (5°)
ADDITIONS	0.50 to 4.00 (0.50) CD/CN

MATERIAL	
TYPE	Ssilicone Hydrogel (75% H ₂ O)
WATER CONTENT	75%
CENTRAL THICKNESS (~3.00 D)	0.12
DK (ISO 9913-1-1998)	60
DK/T (~3.00 D)	50
HANDLING TINT	No
MODULUS	0.29
ULTRAVIOLET LIGHT BLOCKING	No
PACK SIZE	Single and 2 Pack
MANUFACTURING PROCESS	Lathed
CoF	0.09



Saphir - quarterly

Individualized contact lens
Single and 2 Pack



Equilibria provides a non-silicone option, featuring good water retention and tensile properties, for patients already accustomed to a 3-monthly lens replacement.

PARAMETERS	
BASE CURVES (mm)	6.80 to 9.80 (0.30)
DIAMETERS (mm)	13.00 to 16.00 (0.50)
SPHERES (D)	±30.00 (0.25)
CYLINDERS (D)	-0.75 to -8.00 (0.25)
AXES (°)	All (5°)
ADDITIONS	0.50 to 4.00 (0.50) CD/CN

MATERIAL	
TYPE	Hydrogel (59% H ₂ O)
WATER CONTENT	59%
CENTRAL THICKNESS (~3.00 D)	0.12
DK (ISO 9913-1-1998)	24
MODULUS	0.32
ULTRAVIOLET LIGHT BLOCKING	NO
PACK SIZE	Single and 2 Pack
MANUFACTURING PROCESS	Lathed
CoF	1.17



SOFT LENSES FOR MYOPIA MANAGEMENT AND CONTROL

MYLO



SOFT LENSES FOR MYOPIA MANAGEMENT AND CONTROL

MYLO SILICONE HYDROGEL



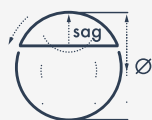
🎯 EXTENDED DEPTH OF FOCUS

PARAMETERS

RADIOS (mm)	7.10 to 9.80 (0.30)
DIAMETERS (mm)	13.50 to 15.50 (0.50)
SPHERES (D)	-0.25 to -15.00 (0.25)

MATERIAL

TYPE	Silicone Hydrogel (75% H ₂ O)
WATER CONTENT	75%
CENTRAL THICKNESS (-3.00 D)	0.10
DK (ISO 9913-1-1998)	60
DK/T (-3.00 D)	60
HANDLING TINT	Blue
MODULUS	0.29
PACK SIZE	6 Pack
MANUFACTURING PROCESS	Lathed
CoF	0.09



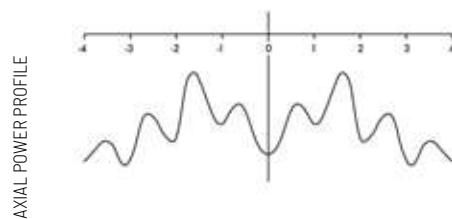
¿Need fitting advice?

Contact Spectrum International
for adaptation and certification

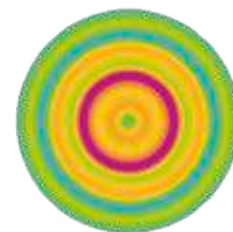
MYLO is an individually crafted silicone hydrogel contact lens specifically designed for Myopia management and control.

It is powered by the Brien Holden Vision Institute's patented **Extended Depth of Focus (EDOF)** technology, which slows myopia progression and supports a comfortable acclimation to the lens, enhancing the overall wearing experience. A monthly disposable contact lens, MYLO features high water content and low coefficient of friction, which combine to improve comfort throughout the day. Its wide range of parameters and low elastic modulus ensures an excellent fit and easy handling, especially for the youngest contact lens users.

OPTICAL DESIGN



CHORD DIAMETER (MM)



CONTACT LENSES
— WITH —
**BLUE LIGHT FILTER
AND CLASS 1 UV
FILTER**



Inspire your eyes

markennovy

CONTACT LENSES WITH BLUE LIGHT PROTECTION AND CLASS 1 UV FILTER



Blu:ssentials - monthly

Individualized contact lens
3 Pack

SPHERIC
 MULTIFOCAL
 TORIC

Blu:ssentials is a silicone hydrogel lens, combining a Class 1 UV Filter with selective Blue Light Blocking to protect the eye from upwards of 99% of UVB, 93% of UVA, and 14% of harmful blue-violet light. Its select range of parameters offers patients with standard prescriptions protection from UV and blue light originating from the sun, ambient LED lighting at home and in public spaces, and mobile devices.

PARAMETERS	
BASE CURVES (mm)	8.30 to 8.90 (0.30)
DIAMETERS (mm)	14.50 to 15.00 (0.50)
SPHERES (D)	-8.00 to +6.00 (0.25)
CYLINDERS (D)	-0.75 to -2.75 (0.25)
AXES (°)	All (10°)
ADDITIONS	0.50 to 2.50 (0.50) CD/CN

MATERIAL	
TYPE	Silicone Hydrogel (75% H ₂ O)
SELECTIVE BLUE LIGHT FILTER	Yes: filters at least 14% harmful of blue light-violet
CLASS 1 UV FILTER	Yes: blocks at least 93% of UVA light and 99% of UVB light
WATER CONTENT	75%
CENTRAL THICKNEES(-3.00 D)	0.12
DK (ISO 9913-1-1998)	60
DK/T (-3.00 D)	50
HANDLING TINT	Green
MODULUS	0.25
PACK SIZE	3 Pack
MANUFACTURING PROCESS	Lathed
CoF	0.09



Blu:kidz - monthly

Individualized contact lens
3 Pack

SPHERIC
 MULTIFOCAL
 TORIC
 MULTIFOCAL TORIC

Blu: kidz is a silicone hydrogel contact lens that combines a Class 1 UV filter with a selective blue light filter to protect the eye from over 99% UVB, 93% UVA and 14% of harmful blue-violet light. The range of diameters focused on children favors their adaptation also in the smallest eyes, while the green modification tint, the high water content and the low dehydration material have better ease of use and comfort: perfect for newcomers. users.

PARAMETERS	
BASE CURVES (mm)	6.50 to 9.80 (0.30)
DIAMETERS (mm)	11.50 to 16.50 (0.50)
SPHERES (D)	±30.00 (0.25)
CYLINDERS (D)	-0.75 to -8.00 (0.25)
AXES (°)	All (1°)
ADDITIONS	0.50 to 4.00 (0.25) CD/CN

MATERIAL	
TYPE	SILICONE HYDROGEL (75% H ₂ O)
SELECTIVE BLUE LIGHT FILTER	Yes: filters at least 14% harmful of blue light-violet
CLASS 1 UV FILTER	Yes: blocks at least 93% of UVA light and 99% of UVB light
WATER CONTENT	75%
CENTRAL THICKNEES(-3.00 D)	0.12
DK (ISO 9913-1-1998)	60
DK/T (-3.00 D)	50
HANDLING TINT	Green
MODULUS	0.25
PACK SIZE	3 Pack
MANUFACTURING PROCESS	Lathed
CoF	0.09

DISPOSABLE MONTHLY CONTACT LENSES

XTENSA RX HYDROGEL



Xtensa Rx is a hydrogel lens developed from our proven hydrogel material. It features cylinders up to -5.75 adding a customisable toric range to the product family's moulded offering.



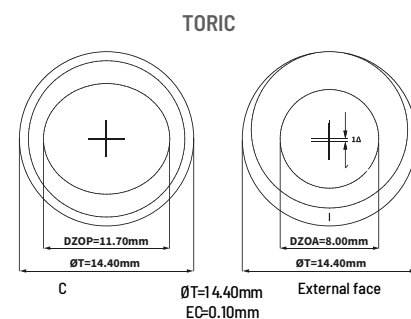
PARAMETERS

BASE CURVES (mm)	8.70
DIAMETERS (mm)	14.40
SPHERES (D)	±10.00 (0.50D from +4.00/-6.00)
CYLINDERS (D)	-0.75 to -5.75 (0.50)
AXES (°)	All cil ≤ -2.75 (10°) cil > -2.75 (5°)

MATERIAL

TYPE	Hydrogel (55% H ₂ O)
WATER CONTENT	55%
CENTRAL THICKNESS (-3.00 D)	0.10
DK (ISO 9913-1-1998)	19
DK/T (-3.00 D)	19
HANDLING TINT	Blue
MODULUS	0.47
ULTRAVIOLET LIGHT BLOCKING	No
PACK SIZE	3 Pack
MANUFACTURING PROCESS	Lathed

OPTICAL DESIGN



The design of the lens is variable depending on the power.




























A woman's profile is shown in a soft, warm light. Overlaid on her face is a futuristic, translucent eye graphic. This graphic features concentric circles and a bright yellow-orange light source within the eye area. The entire graphic is surrounded by a vibrant, multi-colored aura in shades of red, orange, green, and blue, giving it a high-tech, digital feel.

TRANSFORM YOUR PRACTICE WITH SYNERGEYES HYBRID LENSES

Synerg**Eyes**



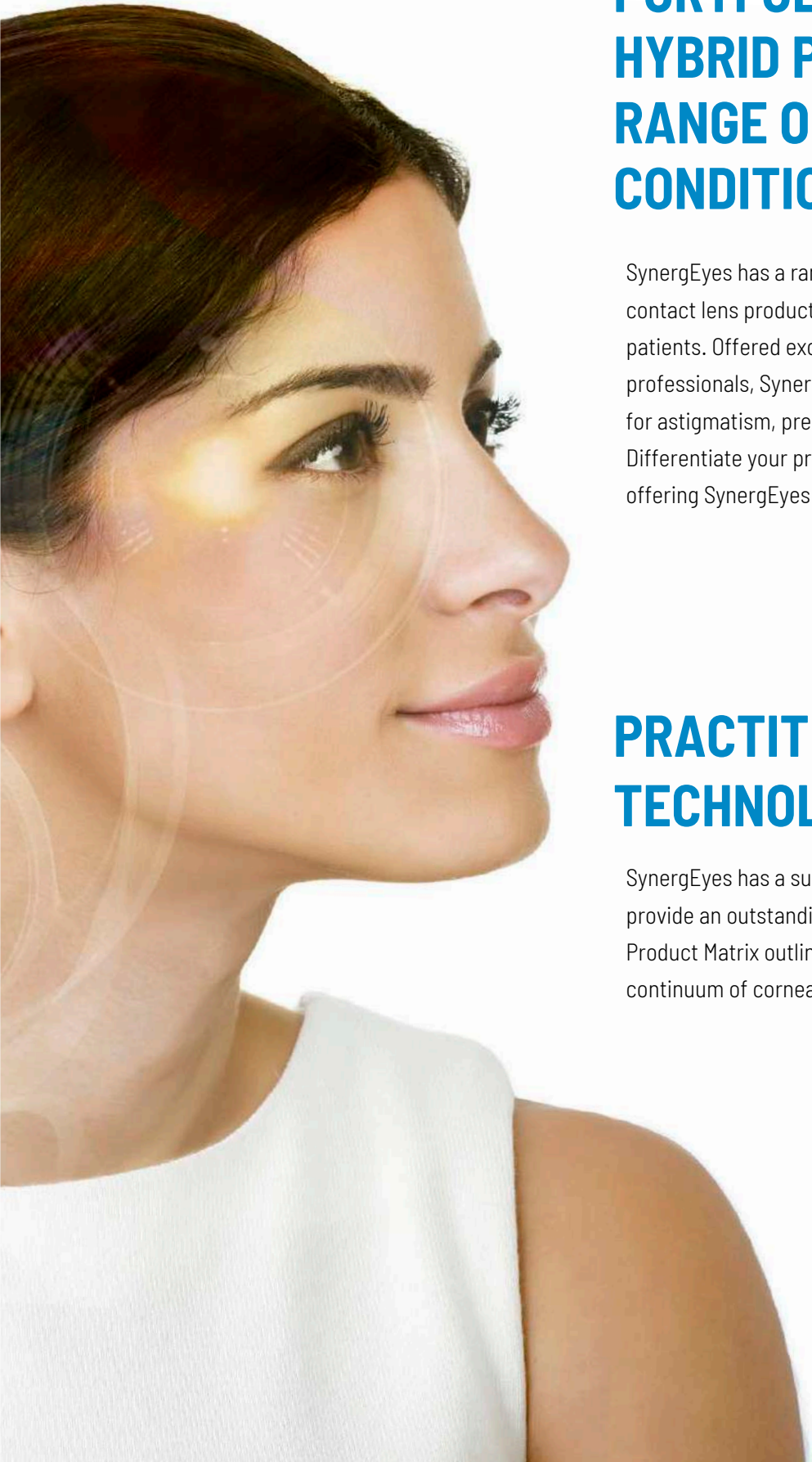
HIBRID PRODUCT MATRIX

Corneal Conditions	1ra Opción	2da Opción
Spherical Eye: Myopia and Hyperopia	 Duette	 SynergEyes A
Astigmatism up to 2.25 D	 Duette	 SynergEyes A
Astigmatism 2.50 D or more	 Duette Enhanced Profile	 SynergEyes A Enhanced Profile
Normal Cornea with Presbyopia	 Duette Progressive	
Presbyopia with Astigmatism up to 2.00 D	 Duette Progressive Near or distance zone	
Presbyopia with Astigmatism 2.25 D or more	 Duette Progressive Enhanced Profile Near or distance zone	
Emerging Keratoconus	 UltraHealth	 UltraHealth FC
Moderate Keratoconus (low cone)	 UltraHealth FC	 UltraHealth
Moderate Keratoconus (central cone)	 UltraHealth	 SynergEyes KC
Advanced Keratoconus	 UltraHealth	 SynergEyes KC
Early Pellucid Marginal Degeneration	 UltraHealth FC	 UltraHealth
Moderate Pellucid Marginal Degeneration	 UltraHealth FC	 UltraHealth
Advanced Pellucid Marginal Degeneration	 UltraHealth	
Post Keratoplasty - Oblate Graft	 UltraHealth FC	
Post Keratoplasty - Prolate Graft	 UltraHealth	
Post Surgical Ectasia (mild to moderate)	 UltraHealth FC	 UltraHealth
Post Surgical Ectasia (severe)	 UltraHealth	

Legend

 Hybrid Lenses
Normal Cornea

 Hybrid Lenses
Irregular Cornea



PORTFOLIO OF PROVEN HYBRID PRODUCTS FOR A RANGE OF CORNEAL CONDITIONS

SynergEyes has a range of advanced-technology hybrid contact lens products to meet the needs of your contact lens patients. Offered exclusively to independent eye care professionals, SynergEyes provides proprietary hybrid lenses for astigmatism, presbyopia and irregular cornea conditions. Differentiate your practice and increase profitability by offering SynergEyes contact lens products.

PRACTITIONER-CENTRIC TECHNOLOGY

SynergEyes has a suite of technology and services designed to provide an outstanding customer experience. The SynergEyes Product Matrix outlines product offerings based on the continuum of corneal conditions.

The unique advanced-technology Duette hybrid contact lens is ideal for patients with astigmatism, especially those who have experienced discomfort with GP lenses or frustration with fluctuating soft toric vision. Duette provides the optimal, clear vision of a GP lens, with soft lens comfort.

The hybrid design eliminates rotation issues experienced with soft toric lenses, while providing stable centration for excellent visual acuity. SoftCushion® Comfort Technology enhances tear exchange and lens movement.

Fitting Duette is straightforward; lenses may be fitted empirically with Ks and Rx, without the need for diagnostic sets.

The Duette Empirical Calculator (www.duettecalculator.com) can be used to help select the initial lens.

LENS BENEFITS

- High performance vision for astigmats.
- Uncompromised GP optics.
- SoftCushion® Comfort Technology.
- Hybrid platform offers centration and stability.
- Vision is not affected by lens rotation.
- Excellent protection of ocular health: 130-Dk GP centre; 84-Dk silicone hydrogel soft skirt.
- UVA and UVB blocker for sun protection.
- Straightforward empirical fitting .

DESIGN

- Dual aspheric permeable center delivers exceptional vision.
- Patented HyperBond® junction secures GP center and soft skirt.
- SoftCushion® Outer Landing Zone cushions for increased comfort.
- Enhanced Profile (center thickness) option available.



PARAMETERS

Skirt Curves	Base Curves	Lens Power	Diameter	Materials	Enhanced Profile
8.7 Flat 2, 8.4 Flat, 8.1 Medium	7.1 to 8.3 in 0.1 mm steps	+10.00 to -15.00 D +8.00 a -8.00 D in 0.25 D steps +8.50 to +10.00 D in 0.50 D steps -8.50 to -15.00 D in 0.50 D steps	14.5mm	84 Dk SiHy skirt 130 Dk GP center Class II UVA / UVB Blocker	Center thickness option available

PARAMETERS



Skirt Curves	Base Curves	Lens Powers	Materials	Poder de Add (for SynergEyes MF)
1.0 and 1.3 flatter than base	7.0 to 8.2 in 0.1 mm steps	+20.00 to -20.00 D	Hema skirt 100 Dk GP center	+0.75 D +1.25 D +1.75 D +2.25 D

HYBRID IRREGULAR CORNEA

The advanced-technology, 2nd generation UltraHealth hybrid contact lens is indicated for patients with keratoconus, as well as many other irregular corneas. With a 14.5mm total diameter and an 8.5mm gas permeable center, UltraHealth is designed to vault the corneal ectasia, providing excellent GP vision along with great centration and comfort provided by the soft skirt.

A diagnostic fitting set can be used to determine the appropriate initial lens order.

LENS BENEFITS

- Proven hybrid platform offers vision, comfort, centration and lens stability for irregular cornea patients.
- New fitters rate UltraHealth "much more straightforward" to fit than other irregular cornea lenses.
- Patients experience vision "one or two lines better than their previous modality".
- Patients were "happy or very happy with the visual outcome".
- Excellent protection of ocular health: 130-Dk GP center; 84-Dk silicone hydrogel soft skirt.
- UVA and UVB blocker for sun protection.

PARAMETERS

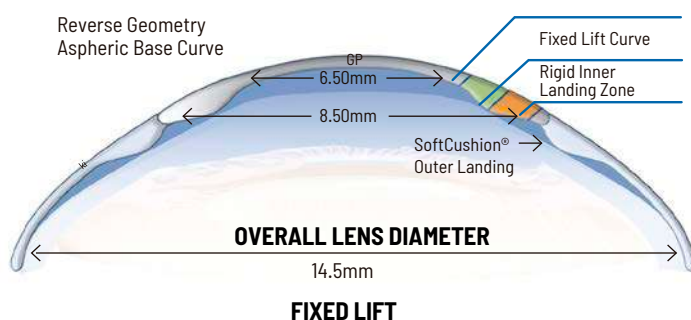
Skirt Curves	Base Curves	Lens Powers	Materials
50-25 μ : 8.7 Flat2, 8.4 Flat, 8.1 Med, 7.9 Steep 300-550 μ : 8.4 Flat, 8.1 Med, 7.9 Steep	50 to 550 in 50 μ steps	+10.00 to -20.00 D +2.50 to +10.00 D in 0.50 D steps +2.00 to -8.00 D in 0.25 D steps -8.50 to -20.00 in 0.50 D steps	84 Dk SiHy Skirt 130 Dk GP Center Class II UVA / Blocker UVB

ULTRAHEALTH CONTACT LENSES

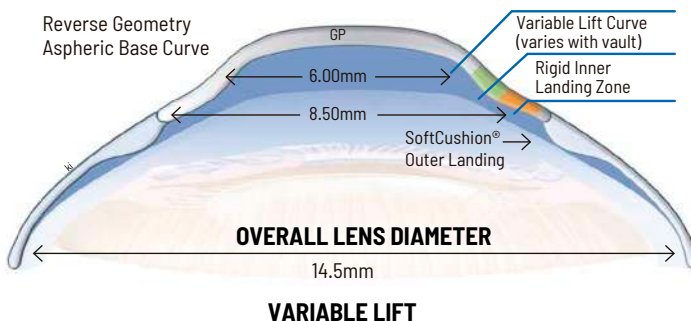
DESIGN

- Aspheric, reverse geometry vaulted lens design for clear GP vision.
- Patented HyperBond® junction secures GP center and soft skirt.
- SoftCushion® Outer Landing Zone cushions for increased comfort.
- UVA and UVB blockers to protect the eye from harmful rays.

UltraHealth Lens Design Vaults 50 μ - 250 μ



UltraHealth Lens Design Vaults 300 μ - 550 μ



HYBRID IRREGULAR CORNEA

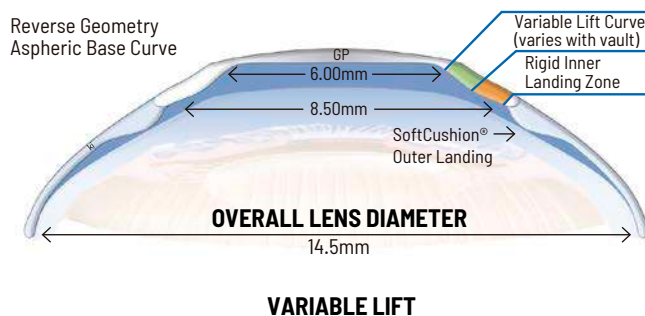
ULTRAHEALTH[®]
CONTACT LENSES

The UltraHealth FC hybrid contact lens is an extension of the UltraHealth product line. It is indicated for eyes with refractive errors resulting from corneal surgery or trauma including hyperopia, myopia, astigmatism and irregular astigmatism. The design of the lens works well with oblate corneas or corneas that may need more peripheral lift. A diagnostic fitting set can be used to determine the appropriate initial lens order.

DESIGN

- Aspheric, reverse geometry vaulted lens design for clear GP vision.
- Includes flatter base curves than standard UltraHealth.
- Patented HyperBond[®] junction secures GP center and soft skirt.
- SoftCushion[®] Outer Landing Zone cushions for increased comfort.
- UVA and UVB blockers to protect the eye from harmful rays.

UltraHealth FC Lens Design 055 μ - 505 μ



PARAMETERS

Skirt Curves	Base Curves	Lens Powers	Diameter	Materials
8.4 Flat, 8.1 Medium, 7.9 Steep	50 to 505 in 50 μ steps	+10.00 to -20.00 D +2.50 to +10.00 in 0.50 D steps +2.00 to -8.00 in 0.25 D steps -8.50 to -20.00 in 0.50 D steps	14.5mm	84 Dk SiHy Skirt 130 Dk GP Center Class II UVA / UVB Blocker



LENS CARE RECOMMENDATIONS

The standard of care for hybrid contact lenses is to clean, rinse and disinfect lenses each time they are removed using solutions approved for soft contact lenses. Call our Technical Support team for further advice on lens care at +1 470 208 7030 or Email: sales@spctinternational.com

Use chemical (not heat) disinfection systems (Multi-Purpose or Hydrogen Peroxide* solutions) approved for soft contact lenses, as recommended by your eye care professional.

HYBRID PRESBYOPIA

Duette® PROGRESSIVE CONTACT LENSES

Duette Progressive is available in both Center Distance and Center Near designs. The Center Distance lens has adjustable center distance optics: the Center Distance zone size ranges from 1.8 - 4.0mm, driven by photopic pupil size. Add powers range from +0.75 to +5.00 D. The Duette Progressive Center Near design provides a seamless progression of power from near to distance and a choice of three add powers.

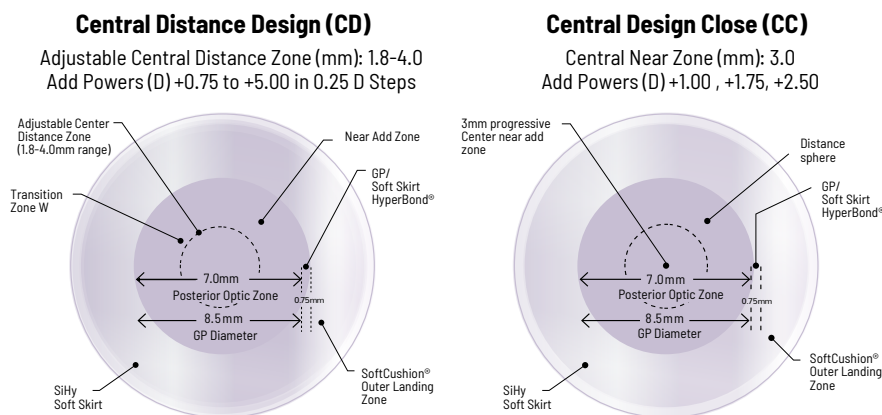
Fitting Duette Progressive is straightforward. Lenses may be fit empirically without the need for diagnostic sets or fluorescein. Provide Ks, Rx and HVID, with add power and pupil size to create the initial lens. The Duette Empirical Calculator (DuetteCalculator.com) can be used to help select the initial lens.

LENS BENEFITS

- High performance vision for the Continuum of Presbyopia especially astigmatic presbyopes: emerging, moderate, and advanced.
- Uncompromised GP optics.
- SoftCushion® Comfort Technology.
- Excellent ocular health: 130-Dk GP center; 84-Dk silicone hydrogel soft skirt.
- Hybrid platform offers centration and stability which are very important for multifocal vision. Vision is not affected by lens rotation.
- UVA and UVB blocker for sun protection.
- Straightforward empirical fitting.


DESIGN

- Dual aspheric gas permeable center delivers exceptional vision.
- Center Distance and Center Near Designs.
- Patented HyperBond® junction secures GP center and soft skirt.
- SoftCushion® Outer Landing Zone cushions for increased comfort.
- Enhanced Profile (center thickness) option also available.



PARAMETERS

Curve Base (mm)	Skirt Radius	Diameter (mm)	Lens Powers (D)	Materials	Enhanced Profile
7.1 to 8.3 in 0.1mm steps	8.1 (Medium) 8.4 (Flat) 8.7 (Flat 2)	14.5	+5.50 to -10.00 D +5.50 to -8.00 D in 0.25 D steps -8.50 to -10.00 D in 0.50 D steps	130 Dk Center GP 84 Dk SiHy Skirt Class II UVA/ UVB Blocker*	Center Thickness option available



EACH PATIENTS
UNIQUE
NOT ALL EYES
ARE THE SAME

Fully custom made scleral lenses

Adaptable in easy and extreme
corneal environments

Characteristics:

Focal and peripheral toricity
Multifocal
Inverse geometry
Total zone customization

SCLERAL LENSES



EUROPA
SCLERAL
UNIVERSAL FIT TECHNOLOGY



BASIC (16mm) 20 lenses
6 lenses with toric haptics

ADVANCED (18mm) 13 lenses

DESCRIPTION

The EUROPA SCLERAL contact lens is available in a 16mm and 18mm diameter lens. EUROPA SCLERAL lenses rest on the sclera and completely vault the cornea allowing it to hold a fluid reservoir.

The EUROPA SCLERAL is intended to be a 2nd generation JUPITER ESCLERAL™ lens that has been uniquely designed so that it is able to successfully fit a wide variety of corneal and scleral geometries. Multiple fitting sets are not necessary to fit oblate and prolate corneas, as is often the case with other available scleral lens designs. The EUROPA SCLERAL contact lens is designed to manage mild to severe levels of corneal irregularity and ocular surface disease.

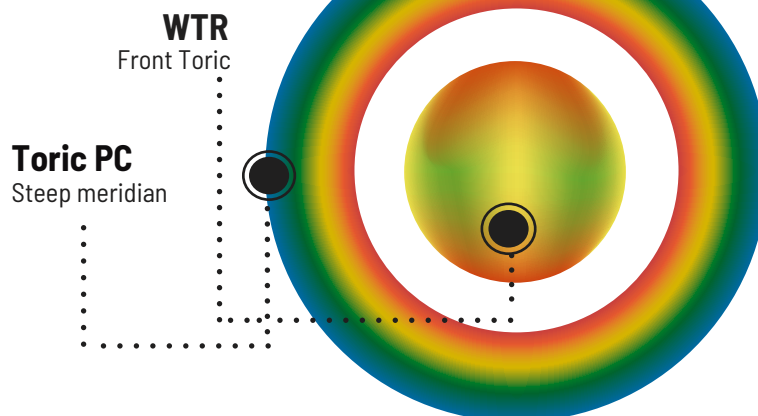
PARAMETERS

Base Curve	Any
Diameter	16.0, 18.0 & 20.0mm
BV Powers	Made to order
Cylinder	-0.25 D to -15.00 D (in 0.25 steps)
Axis	1° to 180° (in 1 steps)
Toric Haptic	0.50 D to 8.00 D in 0.50 steps
Add Power	+1.00 to +3.50 (in 0.50 steps)

OPTIMUM

All lenses are plasma treated to ensure surface wetting.

BI-TORIC (FRONT TORIC & TORIC HAPTICS)



For fitting of the EUROPA for Presbyopia, follow these fitting principles. The Europa for Presbyopia is a concentric bifocal with a near center front surface (that is, with the central zone for near and the periphery for far) and the back surface is that of the EUROPA SCLERAL lens. With Europa for Presbyopia, the goal is to live focused...with distance and near vision.

Use the fitting principles listed in this fitting guide. Over refract the patient with a spherical component only. Attempt to achieve good visual acuity without over refracting the patient. Simply record dominate eye, add power and the basic elements of the EUROPA fitting: central clearance, limbal clearance, and scleral alignment. For absolute presbyopes, it is recommended to start with a +2.00 add OU, and modify if necessary to a +2.00 dominate eye and +2.50 non-dominate eye.

PARAMETERS

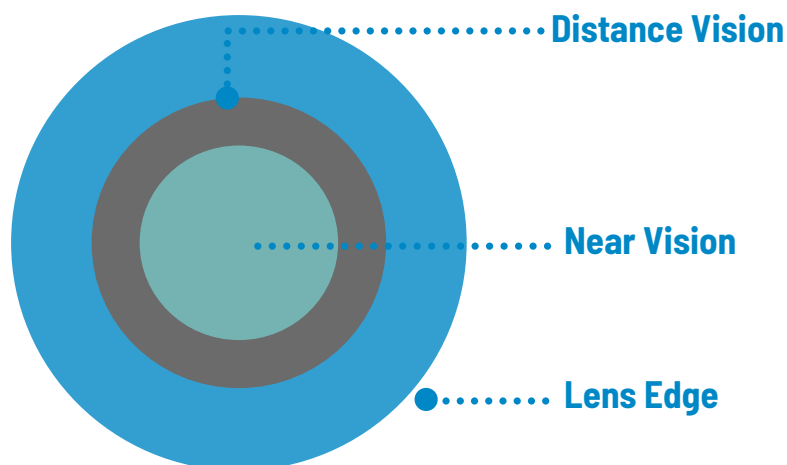
Add Powers


+1.00 D, +1.50 D, +2.00 D, +2.50 D,
+3.00 D, +3.50D

2mm Central Zone Nearby:

1.0 to 3.5mm in 0.5mm steps

If you want to use a central zone for remote and peripheral correction for close correction, it is available and subject to your request.



A close-up photograph of a human eye. A scleral lens is fitted over the eye, appearing as a white, bowl-shaped contact lens that covers the entire visible surface of the eye. The lens has a blue-tinted center. The eye's iris and pupil are visible through the center of the lens. The surrounding skin and eyelashes are in soft focus.

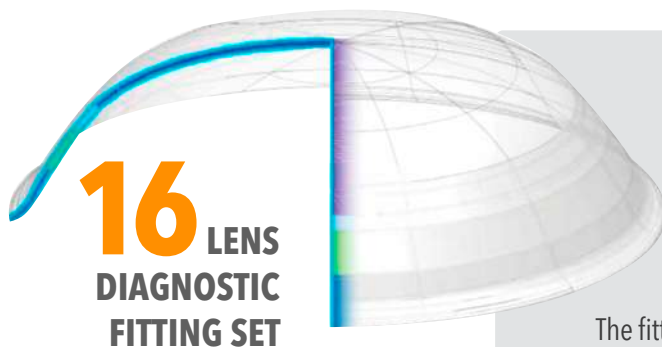
WE INTRODUCE THE NEW GENERATION OF SMART SCLERAL LENS DESIGNS

"A new generation of scleral lenses incorporating numerous unique features, making in the smartest scleral lens in the world"



SMARTLENS SCLERAL LENS DESIGN SMART 4 ZONE

ZONE 1: CENTRAL VAULT ZONE (CVZ) | ZONE 2: PERIPHERAL CORNEA ZONE (PCZ)
ZONE 3: LIMBAL LIFT ZONE (LLZ) | ZONE 4: SCLERAL LANDING ZONE (SLZ)



**16 LENS
DIAGNOSTIC
FITTING SET**



The **SMARTLENS** is the first simplified engineered scleral lens made with a unique Smart 4 Zone design feature, integrating (4) independent customizable zones to allow parameter changes to be made simply and smartly for each corneal shape and size.

The fitting set is conveniently available in 3 lens diameters with a 16-lens diagnostic lens set, a wider range of patients can be **easily fit with a first fit success rate higher than ever before!**

The **SMARTLENS** simplifies scleral lens fitting unlike any other scleral lens design, with complete customization control for increased patient success.

360°

2 LENSES 15.0 DIAMETER SYMMETRIC
7 LENSES 15.5 DIAMETER TORIC LANDING
7 LENSES 16.5 DIAMETER TORIC LANDING

UNIQUE SMARTLENS PROVIDES

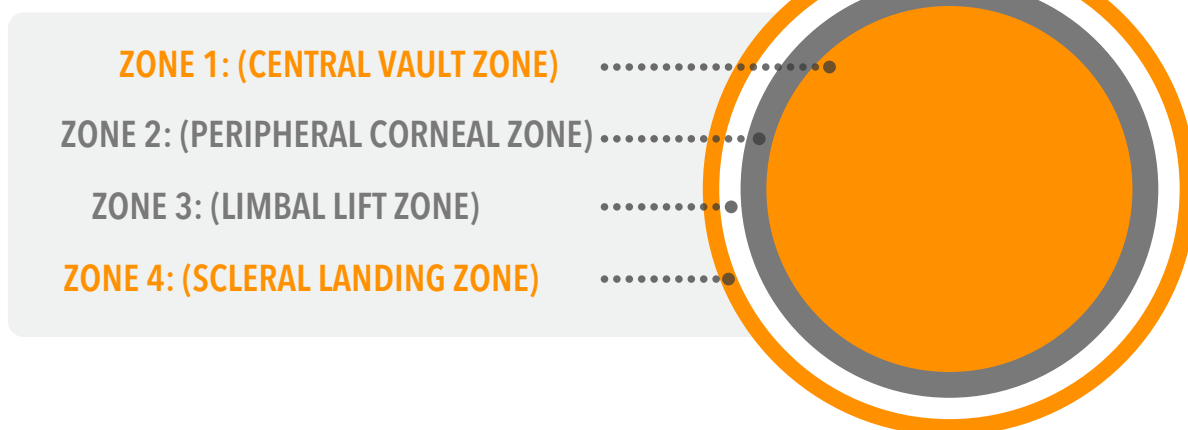
LIMBAL AND SCLERAL ZONE TORICITY (TORIC HAPTICS)
 QUADRANT SPECIFIC CONTROL OPTION
 FRONT TORICITY
 PROLATE AND OBLATE CORNEAS
ALL IN ONE DESIGN!

SMART 4 ZONE SCLERAL LENS DESIGN

The SMARTLENS™ is a new generation of vaulting scleral lens which incorporates numerous unique features unlike any other, making it the smartest scleral lenses design.

SMART ZONA 4

INDEPENDENTLY CONTROLLED ZONES



Utilizing a proprietary **SMART 4 ZONE**, lens design, the **SMARTLENS™** is incredibly forgiving in fit with a high first fit success rate. When needed, each zone can be highly customized for the most complex of corneal and scleral shapes, making it the smartest lens design in the market.

The SMARTLENS™ construction allows it to be successful on normal corneal shapes as well as highly irregular post-surgical, diseased trauma and bulging conditions. Practitioners have a wide range of fitting options from symmetric, toric and asymmetric landing, variable lens diameters, single vision, aberration control and multifocal optics.

The SMARTLENS™ provides practitioners with a scleral lens that can fit virtually any eye shape or condition with both efficiency and success.

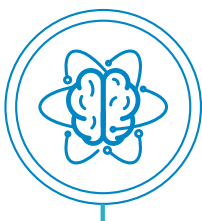
A close-up of a human eye with a scleral contact lens. The lens is depicted with a blue hexagonal grid pattern and several yellow triangular markers. Overlaid on the eye and face are various teal-colored digital graphics, including dashed lines, solid lines, and small rectangular icons, suggesting a high-tech or data-driven theme.

BOSTONSIGHT® SCLERAL

DESIGNED BY **DATA** .
DESIGNED TO **FIT** .
DESIGNED FOR LIFE

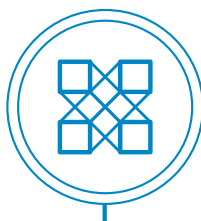
BostonSight SCLERAL is the first evidence-based lens design that has leveraged patient fitting data and clinical experience – from 6 years of patient outcomes on more than 7,000 eyes. BostonSight SCLERAL helps you achieve a smart, predictable, and efficient fit with an optimal.

ALIGNED FIT, RIGHT FROM THE START



SMART

90% of fits achieve optimal vision with the built-in front surface eccentricity.



PREDICTABLE

75% of fits achieved with the go-to Standard lens from the fitting set.

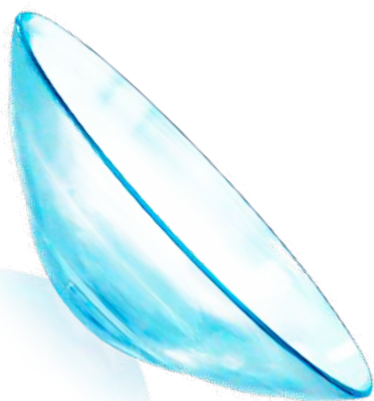


EFFICIENT

60% of fits don't require any change in haptic design.

Each fitting uses a single starting point and incorporates a right and left eye anatomical design. BostonSight SCLERAL allows you to customize each lens for every patient to ensure predictable and accurate outcomes.

DISTINCT ADVANTAGES OF BOSTONSIGHT SCLERAL:



SplineCurve™ TECHNOLOGY

Allows you to control the changes you want to make

Quadrant-Specific Toric PERIPHERAL HAPTIC SYSTEM (PHS™)

Allows you to control the changes you want to make in a quadrant-specific manner

SmartChannel™ TECHNOLOGY

Facilitating fits over anatomical obstacles and reducing suction

Front Surface ECCENTRICITY (FSE)

Designed to offer superior vision

Lens Diameter

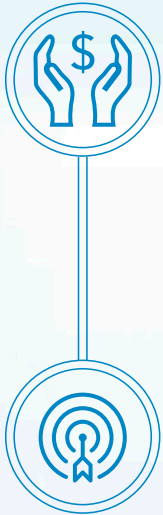
16.0mm, 16.5mm and 17.0mm

Comprehensive 28 Lens DIAGNOSTIC SET

Enhancing an efficient fitting process with right and left eye anatomical designs

Patients say it best – over 90% surveyed would recommend BostonSight SCLERAL to others.

Carefully designed for the eye care professional to have a better experience fitting scleral lenses



Superior Value The BostonSight SCLERAL fitting system offers superior value for practitioners – providing you with everything you need:

- No surprises or extra fees throughout the fitting process – no extra charge for changes in diameter, base curve, material, toric periphery, front surface toricity, or channels.
- No special equipment necessary.

FitAcademy™ With over 25 years of experience designing, manufacturing, contributing to peer-review literature, training clinicians and educating about scleral lenses, the BostonSight team is a leader and pioneer in the industry. The BostonSight SCLERAL team has developed FitAcademy – live and virtual workshops, designed to give clinicians an opportunity to improve scleral lens fitting, assessment, and management.

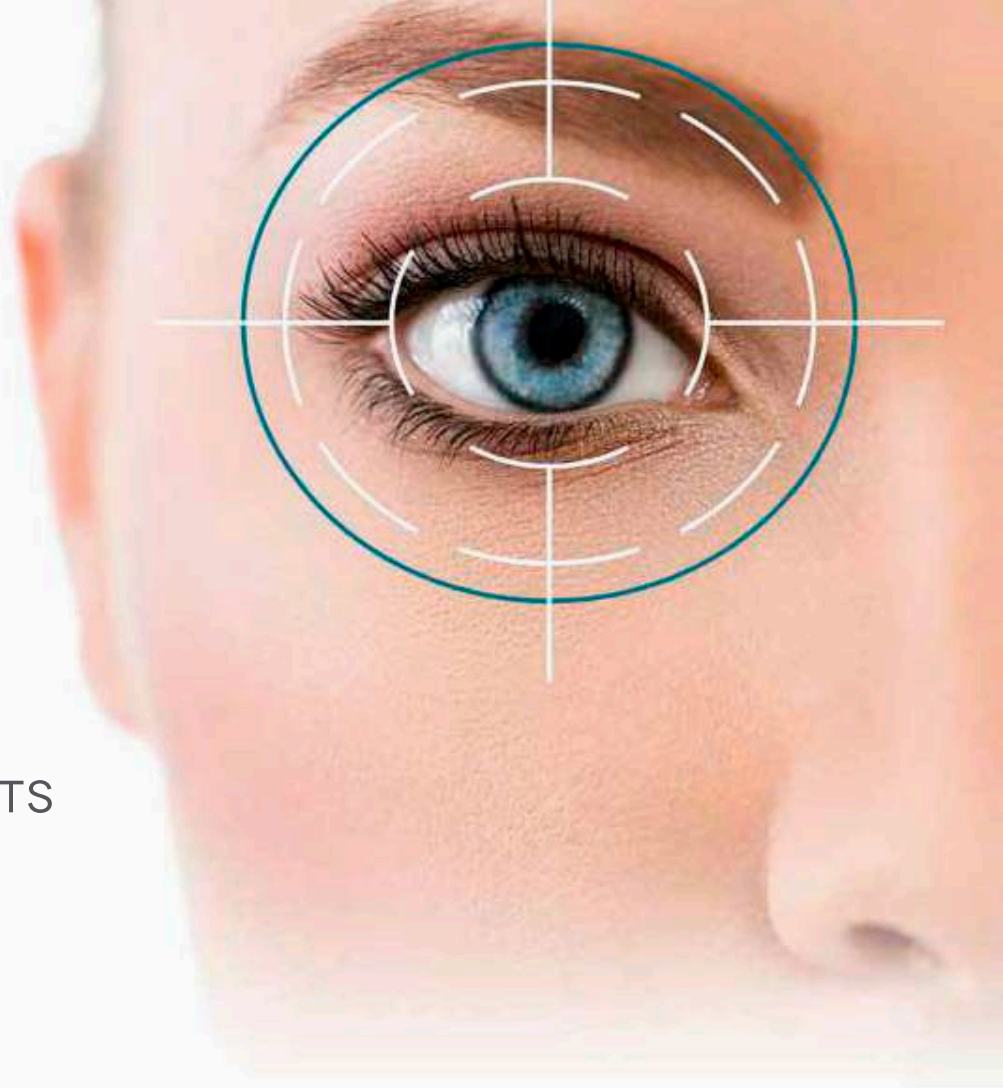
BostonSight SCLERAL LENS PARAMETER AVAILABILITY

DIAMETER	16.0mm, 16.5mm and 17.0mm
SPHERE POWER	-20.00 Diopters to +20.00 Diopters
SAGITTAL HEIGHT	2.000 µm to 6.000µm in 100µm steps
PERIPHERAL HAPTIC SYSTEM (PHS™)	Customizable
OPTIONS	Quadrant Specific PHS™ Front surface eccentricity Front surface toric Rx SmartChannels™
PREFERRED MATERIAL	Optimum Extra, Optimum Extreme, Optimum Infinite, Boston® EQII, Boston® X02



X-CEL

SPECIALTY CONTACTS



Focused on your success

Specialty GP Lenses

X-Cel's specialty GP lens designs are a great option for patients who are unhappy with their vision with conventional soft contact lens wear and are an excellent solution for patients with keratoconus. Scleral GP designs, like our Atlantis lens, have been known to offer comfort as well as, or better than a conventional soft lens. In addition to solving irregular cornea vision problems, Scleral GP lenses have also been used to offer relief from moderate to severe dry eye symptoms.

Custom Soft Lenses

From pediatric to presbyope, X-Cel's custom soft contact lens designs offer solutions for hard-to-fit eyes. The custom soft lenses offer a wider range of parameters than conventional soft lenses for a more customized fit. From sphere to toric and irregular cornea designs, be rest assured your patient has options with X-Cel's custom soft lenses.

Atlantis™

SCLERAL

The Atlantis Scleral design is easy to fit and comfortable for your patients. The fitting philosophy is based on the premise of customizing the lens fit by manipulating 3 different zones to control the sagittal height relationship of the lens to the anterior ocular surface. This produces one of the widest ranges of lens sagittal depths in the industry.

Design Features:

Available in 14.0 and 14.5 diameters for normal corneas	Quadrant specific limbal zone
Independent central SAG adjustments	Quadrant specific scleral zone
Up to 17.5 diameter option for deep SAGs	Expanded independent toric scleral zone options
Independent limbal vault adjustments to increase or decrease clearance	Oblate multifocal
Limbal vault adjustment towards optic zone for oblate corneas (in position)	Front toric optics stabilized by toric scleral zone
Limbal vault adjustment towards edge for corneal grafts (out position)	Lens notching for scleral obstructions

Patient Applications:

- Keratoconus / Keratoglobus
- Post Surgical
- Pellucid Marginal Degeneration (pellucida)
- Astigmatism
- Post-corneal Transplant
- Dry Eye Syndrome* / Corneal Surface Disease
- Stevens-Johnson Syndrome
- Sjögren's Syndrome
- Graft versus Host Disease
- Presbyopia
- Corneal GP and Soft Lens Intolerance

*Dry eye therapeutic indication when manufactured in certain GP materials (listed on reverse side). Patient application data was obtained from material package inserts.

The Atlantis fitting philosophy is based on the premise of customizing the lens fit by manipulating three different zones to control the sagittal height relationship of the lens to the anterior ocular surface. This produces one of the widest ranges of lens sagittal depths in the industry. Each zone has a specific function.

3 Fit Zones



CENTRAL ZONE

Central Zone - This zone is designed to vault the cornea. This is the effective posterior optic zone and base curve.



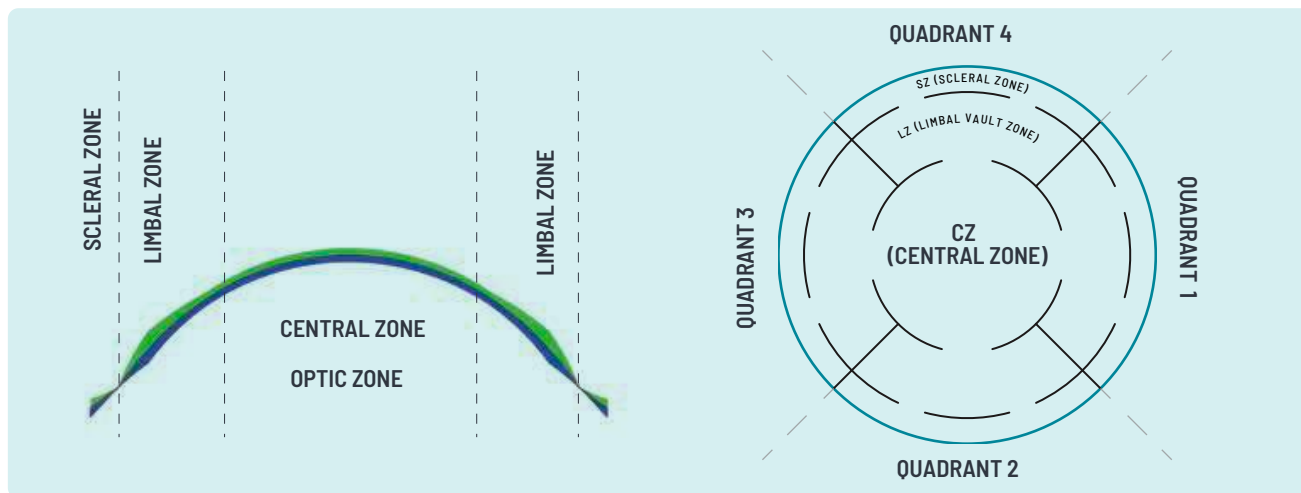
LIMBAL ZONE

Limbal Vault Zone - The LVZ does what its name implies, i.e. it controls the vaulting effect over the limbus and mid-periphery but will not impact the overall sagittal height.



SCLERAL ZONE

Scleral Zone - The SZ is designed to align with the sclera and provides fitting adjustments (360° perpendicular meridians, or quadrant specific). All scleral lens adjustments are in 25 micron increments.



The Atlantis design provides customizable zone options to provide a simple, streamlined fitting process that reduces chair time. A single fitting set will provide the necessary coverage to fit any corneal SAG or scleral shape.

15.5 X Starting point	<p>This is the lens that will be most appropriate for most applications where scleral lenses are used. Lenses in the 15.5mm size provide a wide range of clearance and edge fitting options to handle the majority of cases.</p> <p>Oblate Corneas Irregular Corneas Normal corneas with larger HVID > 11.5 needing more limbal clearance</p>
14.5 C Compact	<p>The ideal lens for patients with who would benefit from a slightly smaller lens design:</p> <p>Normal Corneas Presbyopic patients Smaller than average corneas with HVID < 11.5 Tight lids or small fissures</p>
16.5 L Large	<p>A great lens size to move to when the 15.5mm lens is not adequate to fit pronounced corneas.</p> <p>More SAG than the 15.5mm will provide Extra-large HVID needing limbal clearance</p>

Product Parameters

Base Curve	6.50 to 9.12 mm
Diameter	14.0 to 17.5 (in 0.5 steps)
Power	+20.00 to -20.00D in 0.25D steps
Limbal Vault Zone	Up to 100 microns decrease Up to 200 microns decrease Quadrant specific control
Scleral Zone	1 flat to 10 flat, 1 steep to 10 steep in 25 micron increments
Toric Scleral Zone	Bi-meridian control Quadrant specific control
Cylinder Power	-0.75D to -5.00D in 0.25D steps
Axis	Any
Multifocal Distance Zones	3.6, 4.0, 4.4
Multifocal Add Power	+0.75D to +4.00D
Materials	<p>Optimum Extra*, Optimum Extreme*, Optimum Infinite, Boston XO*, Boston XO2* and Paragon HDS</p> <p>NOTE: Materials with an asterisk (*) are indicated for the management of dry eye disease.</p>
Warranty	Unlimited exchanges and cancellation within 90 days of original invoice.
Tangible Hydra-PEG	Available on all materials listed above.
Plasma EYEZ	All Atlantis lenses are plasma treated free of charge.



APEX™

KERATOCONUS CONTACT LENS WITH FITTING FORGIVENESS

The Apex lens design for keratoconus incorporates a number of fitting forgiveness factors to simplify fitting the keratoconus patient. These inherent design properties are intended to aid the practitioner in managing the various topographies seen with this corneal disorder.

This new proprietary lens design is based upon the belief that those patients who are successful with gas permeable lens designs must be fitted with a lens that minimizes apical interaction, and avoids impingement of the peripheral cornea, specifically in the superior quadrant.

LENS PARAMETER AVAILABILITY

Base Curve	68.00D (4.96) to 40.00D (8.44)
Diameter	7.9 to 10.5
Power	+30.00D to -30.00D
Periphery	Steep, Medium, Flat

DIAGNOSTIC SET PARAMETERS

Standart 24-Lens Set

Base Curve	58.00D (5.82) to 40.00D (8.44)
Diameter	8.2 to 10.0
Power	Flat to -17.00
Periphery	Medium
Material	Available in any material

A wratten filter is included.

Additional 10-Lens Diagnostic Set Available

Base Curve	68.00D (4.96) to 59.00D (5.72)
Diameter	8.2
Power	-17.00 to -20.00
Periphery	Medium
Material	Available in any material

TROUBLESHOOTING

Patient Symptoms	Possible Causes	Plan
Lens Riding High		Steepen Base Curve by 1.00 D
		Reduce Diameter by .3mm
Lens Riding Low	Movement with Blink	Flatten Base Curve by 1.00 D
	No Movement	Decrease Diameter by .3mm
Excessive Movement		Steepen Base Curve by 1.00 D
		Increase Diameter by .3mm
Restricted Movement		Flatten Base Curve by 1.00 D
		Decrease Diameter by .3mm
Bubbles	Centrally	Flatten Base Curve by 1.00 D
		Decrease Diameter by .3mm
	Peripherally	Decrease Edge Lift (Flat to Medium, Medium to Steep)
		Increase Diameter by .3mm
Surface Non Wetting	New Lens	Clean Lens
		Change Material
	Older Lens	Clean Lens
		Order New Lens
Too Much Edge Lift		Reduce Edge Lift (Flat to Medium, Medium to Steep)
		Increase Diameter by .3 mm
Not Enough Edge Lift		Increase Edge Lift (Steep to Medium, Medium to Flat)
		Decrease Diameter by .3 mm

Apex™ Keratoconus



TITAN™

LARGE DIAMETER

LARGE DIAMETER CONTACT LENS FOR IRREGULAR CORNEAS

The Titan™ lens is indicated for the management of irregular cornea conditions. It is a large diameter gas permeable lens with an aspheric posterior surface. This posterior surface keeps the large diameter lens from becoming too tight in the peripheral and mid-peripheral area of the cornea. More than one aspheric value of eccentricity is available with the Titan design.

LENS PARAMETER AVAILABILITY

Base Curve	50.00D (6.75) to 34.00D (9.93)
Diameter	11.3 to 12.3 (0.1mm steps)
Power	+60.00D to -60.00D
Edge Lift	Steep, Medium, Flat
Material	Recommended in Optimum Extra

DIAGNOSTIC SET PARAMETERS

Base Curve	47.00D (7.18) to 35.00D (9.64)
Diameter	11.8, 12.3
Power	+5.00D to Flat
Edge Lift	Medium, Flat
Material	Recommended in

**OPTIMUM
EXTRA**

An extended 13 lens diagnostic set is available in 12.3 diameter with powers ranging from +5.00D to -3.00D.

FOR SIMPLE MANAGEMENT OF IRREGULAR CORNEAS

- Large diameter lens
- With less lid interaction and movement this is often more comfortable than other GP designs
- Spherical optical zone provides optimal visual acuity

Patients who would benefit:

- Irregular corneas associated with:

- Centration Problems – spherical, oblique, and ATR corneas
- Post Surgical – RK, Lasik, PKP, Intacs, and Ecstasia
- Corneal Dystrophies – KC & PMD
- Corneal Trauma – Scars due to injury

- Patients with regular astigmatism:

- Especially those that experience variable vision with soft and soft toric lenses

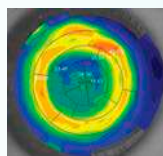
Reasons to fit your patient with Titan Large Diameter:

- With less lid interaction and lens movement, this lens is often more comfortable than other GP designs
- Better lens centration is not a problem when fitting Titan
- The three aspheric edge lifts with each base curve provide practitioners the flexibility needed to achieve a successful fit

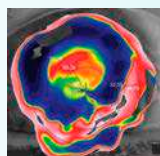
Tips for a successful adaptation:

- Use diagnostic lenses to ensure best fit
- The goal is to equally distribute the mass of the lens avoiding areas of vault and/or bearing of the corneal surface
- Although the lens is large, appropriate lens movement and tear exchange is always necessary to maintain corneal health

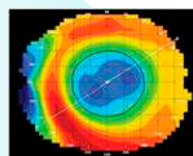
Topographies where the Titan should be considered:



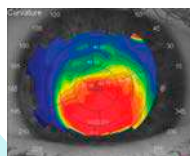
PRK



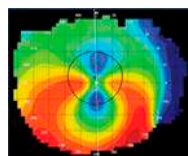
PKP



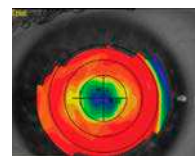
LASIK



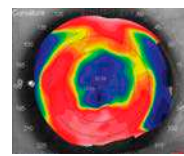
CONOS
ELEVADOS



PMD



RK



RK



PINNACLE

ASPHERIC COMFORT DESIGN WITH OPTIONS FOR IRREGULAR CORNEAS

The Pinnacle aspheric comfort design is intended for the myopic or hyperopic patient who shows moderate to high amounts of with the rule corneal and refractive astigmatism.

The Pinnacle lens design is a continuous aspheric concave geometry design with adjustable edge lifts to aid in fit and comfort.

LENS PARAMETER AVAILABILITY

Diameter	7.5mm to 12.6mm
Base Curve	56.25D (6.00mm) to 34.00D (9.90mm)
Power	+60.00D to -60.00D
Material	Available in any material

*Base curve radius restricts diameter range available.

Standard Diameter	Large Diameter	IC Diameter
7.5mm a 9.9mm	10.0mm a 11.2mm	11.3mm a 12.6mm

DIAGNOSTIC SET PARAMETERS

Standard

Diameter	8.9 in Base Curves thru 7.50
	9.2 in Base Curves from 7.58 to 7.85
	9.5 in Base Curves from 7.94 to 8.23
Base Curve	46.50D (8.23mm) to 41.00D (7.26mm)
Power	-3.00D
Material	Available in any material

Large Diameter

Diameter	10.2mm and 10.5mm
Base Curve	51.00D (6.62mm) to 36.00D (9.38mm)
Power	-3.00D
Material	Available in any material

TROUBLESHOOTING

Patient Symptoms	Possible Cause	Plan
Lens Riding High		Steepen Base Curve by .50 D
		Reduce Diameter by .3 mm
Lens Riding Low	Movement with Blink	Steepen Base Curve by .50 D
	No Movement	Decrease Diameter by .3mm
Excessive Movement		Steepen Base Curve by .50 D
		Increase Diameter by .3 mm
Restricted Movement		Flatten Base Curve by .50 D
		Decrease Diameter by .3 mm
Bubbles	Centrally	Flatten Base Curve by .50 D
		Decrease Diameter by .3 mm
	Peripherally	Decrease Edge Lift (Flat to Medium, Medium to Steep)
		Increase Diameter by .3mm
Too Much Edge Lift		Reduce Edge Lift (Flat to Medium, Medium to Steep)
		Increase Diameter by .3 mm
Not Enough Edge Lift		Increase Edge Lift (Steep to Medium, Medium to Flat)
		Decrease Diameter by .3mm

Pinnacle™



FLEXLENS® ARC

Atypical Refractive Correction

CUSTOM SOFT CONTACT LENS FOR IRREGULAR CORNEAS

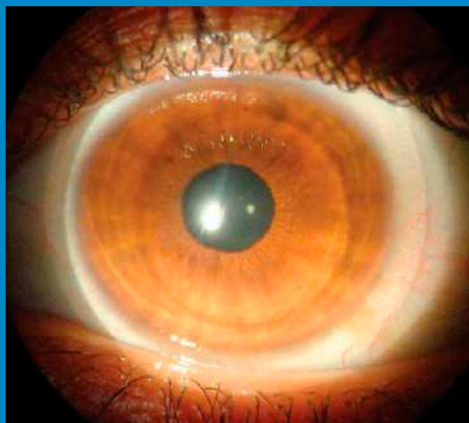
The Flexlens ARC, Atypical Refractive Correction, is a custom soft lens design that fits like a regular toric contact lens.

With no need to worry about peripheral curves or any other parameter that may complicate the fit, the ARC is easy to fit, thus reducing chair time.

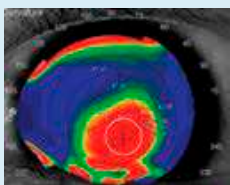
This lens is indicated for the visual correction of various ocular conditions including keratoconus, pellucid marginal degeneration, corneal transplants, post refractive surgery and/or any irregular cornea conditions.

PARAMETERS

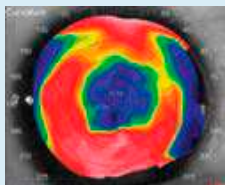
Base Curve	6.0mm to 8.7mm in 0.1mm steps
Fitting Curve	8.6 Standard
Diameter	13.0mm to 16.0mm in 0.5mm steps
Power	+20.00D to -20.00D
Cylinder	-0.50D to -10.00D in 0.25 D steps
Axis	1° to 180° in 1 degree steps
Prism	1.50 standard with 2.00 available
Thickness	0.30mm and 0.50mm



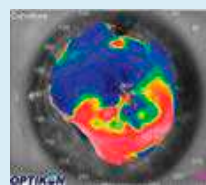
The Flexlens® ARC utilizes a standard back surface fitting curve precise axis, cylinder, and an enhanced center thickness to stabilize the correction over an aberrated cornea. Cylinder powers ranging from -0.75 up to a -10.00 are available with prism ballast to reduce lens rotation. A range of base curves and center thicknesses can be manipulated to successfully fit a wide patient base.



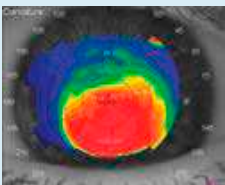
Keratoconus



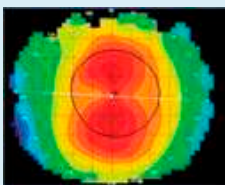
Post Surgical



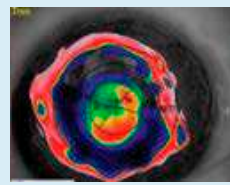
PMD



Kerato-Globus



Astigmatism



Cornea
Transplant



Image courtesy of Dr. Augusto Rossé, Santiago, Chile.

Lasered V-mark showing lens rotation.
(mark should be positioned at 6 o'clock)

TROUBLESHOOTING

Problem	1st Change	2nd Change
Too little or no movement	Flatten BC 0.3mm	Decrease diameter 0.5mm
Excessive movement	Steepen BC 0.3mm	Increase diameter 0.5mm
Central air bubble	Flatten BC 0.3mm	Decrease diameter 0.5mm
Lend fold	Steepen BC 0.3mm	Increase diameter 0.5mm
Excessive touch	Steepen BC 0.3mm	
Unstable over-refraction	Flatten BC 0.3mm	
Unstable lens rotation	Steepen BC 0.3mm	Increase diameter 0.5mm
BCVA not achieved with 0.30 thick lens	Go to 0.50 thick lens	Increase prism to 2.00
		Decrease diameter 0.5mm



FLEXLENS® TORIC

Designed for success. Guaranteed to fit.

- Custom soft toric contact lens.
- Back surface toric design, with 1.50D of prism ballast to stabilize rotation.
- Provides superior optics.

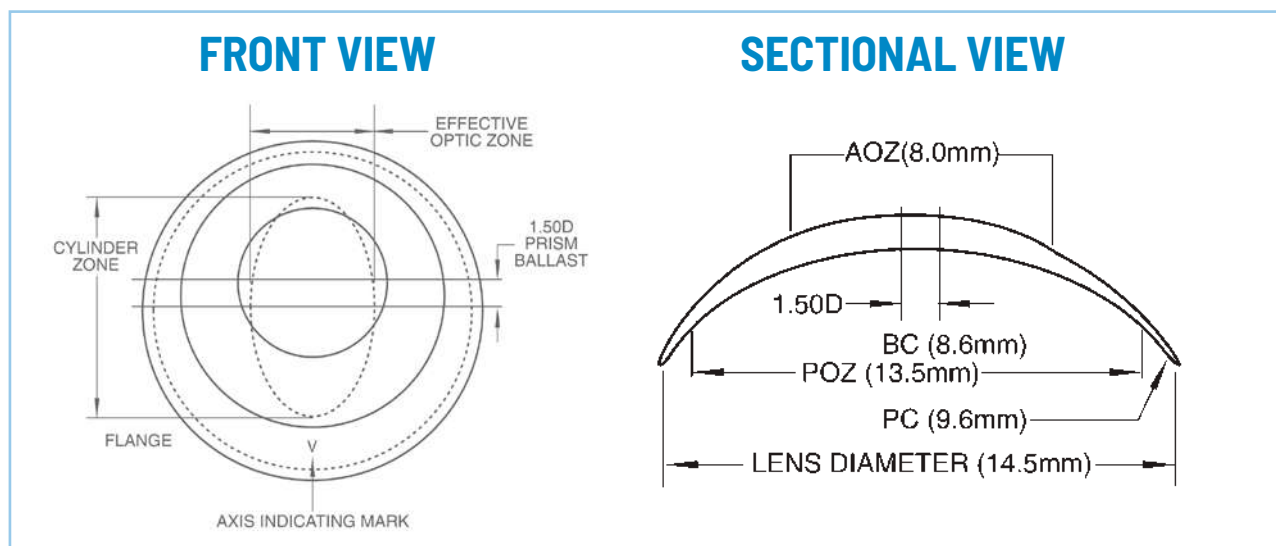
The Flexlens Toric Lens is indicated for daily wear use for the correction of visual acuity in aphakic and non-aphakic patients with non-diseased eyes with myopia or hyperopia and possesses refractive astigmatism not exceeding 10.00D.

Design Features	Design Benefits
Prism ballast design	Predictable orientation with minimal rotation
Uniformed edge thickness	Enhanced comfort
Back surface toric	Rapid stabilization
Monthly replacement	Better patient compliance
74% silicone hydrogel	Initial and end of day comfort

The Design

The Flexlens Toric Lens utilizes a back surface toric design, with 1.50D of prism ballast to stabilize rotation. There is a laser mark (V) at 6 o'clock to mark the location of the prism ballast. Unlike other prism ballasted lenses, the Flexlens Toric maintains a uniformed edge thickness for enhanced comfort. For those patients with high degrees of irregular astigmatism that cannot achieve optimal visual acuity can try a rigid gas permeable lens, Flexlens ARC or the Flexlens Piggyback design.

Lens Design



Adaptation Guide

Flat "K" Reading

45.00D and steeper
43.25D to 44.75 D
41.25D to 43.00 D
41.00D and flatter

Suggested BC

8.0mm to 8.3mm
8.3mm to 8.6mm
8.6mm to 8.9mm
8.9mm to 9.2mm

Suggested Diameter

14.0
14.0 or 14.5
14.5 or 15.0
15.0

The chosen lens should be placed on the eye and allowed to settle for a minimum of 20 minutes before evaluating the fit for movement, rotation, and centration. The ideal lens fit should exhibit good centration with approximately 0.25 to 0.50mm of lens movement in primary position. If upon evaluation, the lens rotates more than 10 degrees and your over-refraction does not yield good visual results, consider a change in base curve and/or diameter prior to ordering a new lens that incorporates the cross cylinder as determined by your over-refraction. If lens rotates 10° or less and yields a stable over-refraction then re-order based on new lens that incorporates the cross cylinder as determined by your over-refraction.

PARAMETERS	STANDARD	CUSTOM
Base Curve	8.0mm to 9.2mm in 0.1mm steps	6.8mm to 10.0mm in 0.1mm steps
Diameter	13.5mm to 15.0mm in 0.1mm steps	10.0mm to 16.0mm in 0.1mm steps
Power	+10.00 D to -10.00 D (in 0.25 D steps)	+30.00 D to -30.00 D (in 0.25 D steps)
Cylinder	-0.50 D to -10.00 D (in 0.25 D steps)	-0.50 D to -10.00 D (in 0.25 D steps)
Axis	1° increments up to 180°	1° increments up to 180°
Center Thickness	0.16mm at -3.00 D	0.16mm at -3.00 D
Wear Indication	Daily wear / Monthly, Quarterly, or Yearly	
Material	Defitive 74% Silicone Hydrogel, 49% Hioxifilcon B	

FLEXLENS® TRI-CURVE

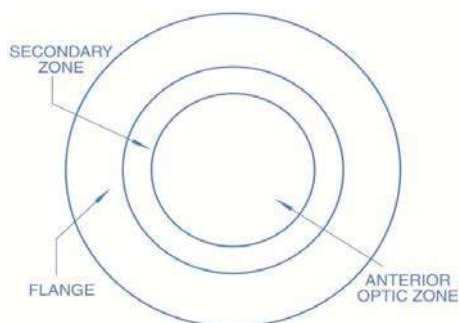
KERATOCONUS

CONTACT LENSES FOR KERATOCONUS MODERATE TO ADVANCED

The Flexlens Tri-Curve Keratoconus Lens is based on a tricurve posterior design. The optical success of the design is based on the standard center thickness that ranges from .45 to .65mm which is often thicker than the keratoconus cornea itself. The design incorporates a flat secondary curve of 1.2mm to 1.8mm flatter, depending on the base curve. A scleral curve with a radius of 2.2mm to 2.8mm flatter, depending on the base curve, is added peripherally to align with the scleral curve of the eye. For those patients who exhibit high degrees of irregular astigmatism, they may be better served with the Flexlens ARC design.

Lens Design

FRONT VIEW



SECTIONAL VIEW



PARAMETERS

Base Curve	5.0mm to 11.0mm in 0.1mm steps
Diameter	8.0mm to 16.0mm in 0.1mm steps
Power	+50.00 D to -50.00D in 0.25 D steps
Center Thickness	.45mm to .65mm

TROUBLESHOOTING

Patient Symptoms	Objective Findings	Possible Causes	Plan
Poor visual acuity on delivery or first follow-up	Unacceptable vision on eye chart	Incorrect refraction or over-refraction	Order new lenses based on new refraction or overrefraction
	Lens not centered	Base curve too flat	Steepen base curve by 0.3mm
		Diameter too small	Increase diameter 0.5mm
	Fluctuating vision	Base curve too flat. Flat Fit = patient will exhibit "clear, blue, clear" when blinking	Steepen base curve by 0.3mm
		Base curve too steep. Steep Fit = patient will exhibit "blur, clear, blur" when blinking	Flatten base curve by 0.3mm
	Sphero-cylindrical overrefraction provides good vision	Cylinder over-refraction 2.00 diopters and under; Center thickness too thin	Increase center thickness .65mm
		Cylinder over-refraction over 2.00 diopters	Change to Flexlens ARC design, Atlantis Scleral, Flexlens Piggyback design or utilize spectacles over the lenses
Vision decreases during the day	Scleral indentation	Lens too steep	Flatten base curve by 0.3mm
		Lens is too large	Decrease diameter by 0.5mm
	Corneal edema	Lens too thick, material does not provide enough oxygen	Increase water content of lens material, or decrease center thickness
		Lens too steep	Flatten base curve by 0.3mm
Initial discomfort		Improper fit	Evaluate fit
		Incompatibility with solutions	Change patient's care system
Discomfort at days end	Excessive movement	Base curve too flat	Steepen base curve by 0.3mm
		Diameter too small	Increase diameter 0.5 mm
	Too little or no movement	Base curve too steep	Flatten base curve 0.3 mm
		Diameter too large	Decrease diameter by 0.5 mm
		Lens dehydrating on eye	Decrease water content of lens
	Scleral indentation	Base curve too steep	Change base curve by 0.3mm
		Diameter too large	Decrease diameter by 0.5 mm
Lens dislodges during wear	Superior or inferior edge lift	Base curve too flat	Steepen base curve 0.3 mm
		Diameter too large	Decrease diameter 0.5 mm

Flexlens® Tri-Curve

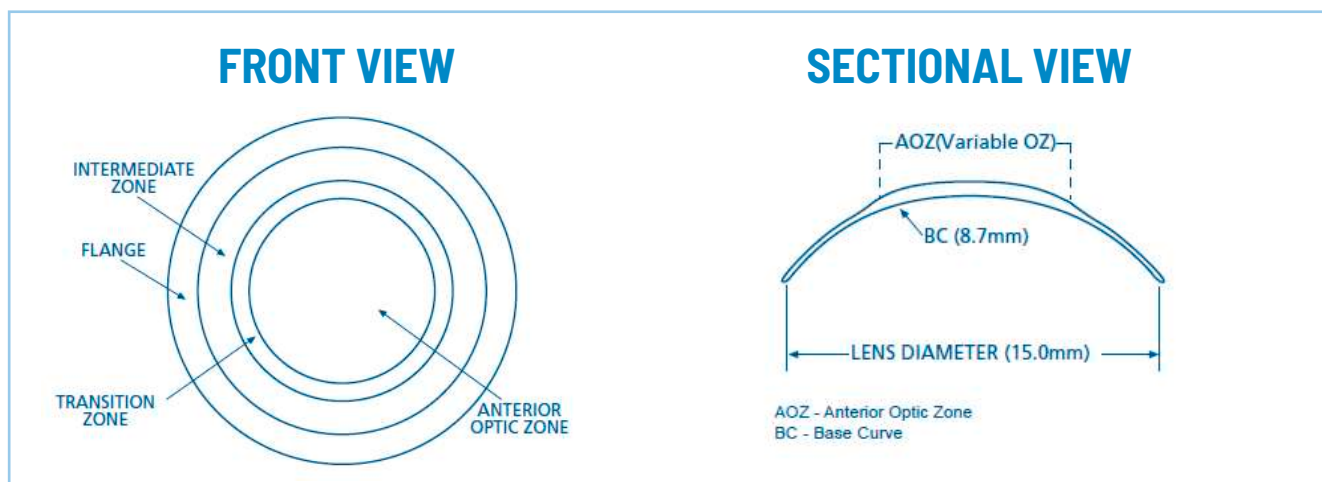
FLEXLENS[®] POST REFRACTIVE (PRS)

SOFT CONTACT LENS FOLLOWING CORNEAL REFRACTIVE SURGERY

The Flexlens Post Refractive Lens is indicated for daily wear use for the correction of refractive ametropia and specialized use such as atypical ametropia following corneal refractive surgery.

The Post Refractive Lens function allows the central optical portion of the lens to be flatter than the mid-periphery. The optical zone has a thickness of approximately .28mm at -1.00D, which provides stable optics over the central cornea. The peripheral lens carrier is as thin as, or thinner than, any standard soft lens to ensure maximum oxygen permeability to the peripheral cornea, limbus and conjunctiva.

Lens Design



PARAMETERS

Base Curve	6.0mm to 11.0mm in 0.1mm steps
Diameter	10.0mm to 16.0mm in 0.1mm steps
Power	+30.00 D to -30.00 D in 0.25 D steps

TROUBLESHOOTING

Patient Symptoms	Objective Findings	Possible Cause	Plan
Poor visual acuity on delivery or first follow-up	Unacceptable vision on eye chart	Incorrect refraction or over-refraction	Order new lens based on new refraction
	Lens not centered	Base curve too flat	Steepen base curve by 0.3mm
	Fluctuating vision	Center thickness too thin	Increase center thickness to .45mm
	Sphero-cylindrical overrefraction provides good vision	Cylinder over-refraction 2.00 diopters and under; center thickness too thin	Increase center thickness .45mm
		Cylinder over-refraction over 2.00 diopters	Change to Flexlens ARC lens design, Atlantis Scleral, Piggyback lens design or utilize spectacles over lenses
Vision decreases during the day	Scleral indentation	Lens too steep	Flatten base curve by 0.3mm
		Lens is too large	Decrease diameter by 0.5mm
	Corneal edema	Lens too thick, material does not provide enough oxygen	Increase water content of lens material, or decrease center thickness
		Lens is too steep	Flatten base curve by 0.3mm
		Lens is too large	Decrease diameter by 0.5mm
	Deposits	Incompatibility with material	Change to lower water content
		Care system not followed or not adequate	Discuss care system with patient and change as necessary
Initial discomfort		Improper fit	Evaluate fit
		Incompatibility with solutions	Change patient's care system
Discomfort at day's end	Excessive movement	Base curve too flat	Steepen base curve by 0.3mm
		Diameter too small	Increase diameter by 0.5mm
	Too little or no movement	Base curve too steep	Flatten base curve by 0.3mm
		Diameter too large	Decrease diameter by 0.5mm
		Lens dehydrating on eye	Decrease water content of lens
	Scleral indentation	Base curve too steep	Flatten base curve by 0.3mm
		Diameter too large	Decrease diameter by 0.5mm

Flexlens® PRS

FLEXLENS® PIGGYBACK

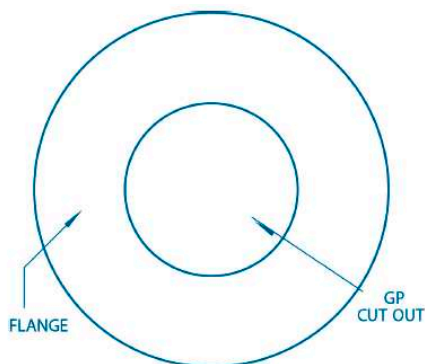
CONTACT LENSES FOR ADVANCED KERATOCONUS

The Flexlens Piggyback Lens design is ideal for the patient who requires the optics of a rigid lens but has difficulty with the initial comfort of that material. This lens is indicated where centralization is difficult to achieve due to an irregular corneal surface. Patients who would benefit from this design could have: Beginning to advanced keratoconus, Refractive corneal surgery, Pellucid marginal degeneration, Corneal trauma, Terrien's marginal degeneration, Corneal surface disease, Penetrating Keratoplasty.

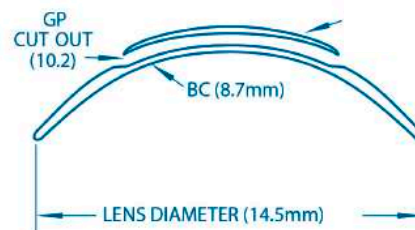
The Piggyback Lens incorporates a central circular depression into the anterior surface of the soft lens carrier. The design recesses the GP lens within the soft lens eliminating upper lid dislodgment and maintaining centration of the GP optics over the pupil.

Lens Design

FRONT VIEW



SECTIONAL VIEW



AOZ - Anterior Optic Zone
BC - Base Curve

PARAMETERS

Base Curve	6.0mm to 11.0mm in 0.1mm steps
Diameter	10.0mm to 16.0mm in 0.1mm steps
Anterior cut-out diameter	6.5mm to 12.5mm in 0.1mm steps
Power	Flat



FLEXLENS[®]

APHAKIC

Pediatric Patients

CUSTOM SOFT CONTACT LENS FOR PEDIATRIC APHAKICS

The Flexlens Aphakic is a custom soft lens designed for adult and pediatric aphakics. It is indicated for daily wear use for the correction of refractive ametropia and specialized use such as atypical ametropia. The lens is available for those patients who have undergone cataract removal either as a child or an adult. The range of available lens parameters makes it an ideal lens for any patient who cannot tolerate a GP lens after surgery

PARAMETER AVAILABILITY

Base Curve	6.0mm to 11.0mm in 0.1mm steps
Diameter	10.0mm to 16.0mm in 0.1mm steps
Power	+00.00 D to +50.00 D in 0.25 D steps

PATIENT CONDITIONS

- Amblyopia
- Anisometropia
- Large Refractive Errors
- Accomodative Esotropia
- Strabismus
- Irregular Astigmatism
- Nystagmus

FLEXLENS[®] SPHERE

FOR AN EXACT FIT EVERY TIME

The Flexlens Spherical Lens is indicated for Daily Wear use for the correction of higher degrees of ametropia. The lens is available in a large diameter with or without a thick edge and also with 1.50D or 2.00D of prism.

Standard soft lens fitting principles apply to the Flexlens Spherical Lens. Lens selection should be 4.00D flatter than the patient's flattest keratometric value. There should be lens centration with 1.0 to 1.5mm of limbal draping and lens movement should be minimal, 0.25 to 0.50mm in primary position with normal blink.

STANDARD PARAMETER

Base Curve	8.0mm to 9.2mm in 0.1mm steps
Diameter	13.5mm to 15.0mm in 0.1mm steps
Power	+10.00 D to -10.00 D in 0.25 D steps

PARAMETER AVAILABILITY

Base Curve	6.0mm to 11.0mm in 0.1mm steps
Diameter	10.0mm to 16.0mm in 0.1mm steps
Power	+40.00D to -40.00D in 0.25D steps



Lenses for Orthokeratology
and Myopia control

**CORRECT YOUR PATIENT'S VISION
WHILE THEY SLEEP**

Mold the way your patients see

Give your patients crisp, clear vision without the typical options of glasses, daytime contact lenses, or LASIK surgery.

Grow your practice while thrilling your patients with a proven vision correction option that can improve their lives.

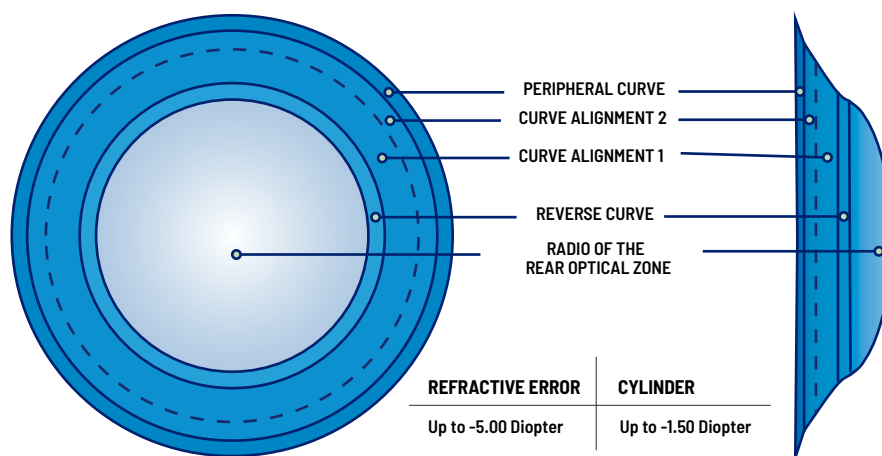
Clinically proven empirical fit outstanding results

Emerald contact lenses are FDA approved and provide easy vision correction by gently reshaping the cornea at night while the patient sleeps.

They are safe, reversible and have been successfully adapted to over a million eyes worldwide with excellent results. Empirically adapted. Clinically proven. With surprising results.

Simplified advanced corneal molding

- Proven success rate of 85% in the first adaptation.
- Proven 95.5% success rate with up to 1 change.
- Clinically proven to reduce the progression of myopia in children.
- Simple adaptation only with refraction, keratometry and HVID.
- Empirically adapted - no trial lens required.
- Clinically proven to suppress axial length elongation in childhood myopia.



UNIQUE MULTI-ZONE DESIGN

RADIO OF THE REAR OPTICAL ZONE	Designed to reshape the cornea to the required correction. Unlike a normal GP lens.
REVERSE CURVE	Determined by a clinically proven formula that aligns the base curve with the peripheral cornea and controls the apical clearance of the radius of the posterior optic zone.
ALIGNMENT AREA	A series of two or more separate curves, this zone determines the characteristics of the lens fit. It is designed to align closely with the cornea and provide proper centering for maximum performance.
PERIPHERAL CURVE	Peripheral curve provides clearance at the edge for proper tear exchange and easy lens removal.

Make a difference in the Myopia epidemic

Myopia is more than a refractive condition. It's a global epidemic that's having a serious impact on today's children around the world.

The prevalence of myopia has nearly doubled since the 1970s, and it is expected to become the leading cause of permanent blindness.

5 billion people or

50%

of the world's population will be myopic by 2050

There is no need of an expensive trial lens set

87% effectiveness with the first lens



Advancing the Geometry of Sight

Euclid, the Greek mathematician considered the father of geometry, inspired the creation of the Euclid Emerald myopia management treatment.

We've harnessed the power of geometry to shape today's most advanced orthokeratology lens design for myopia management. We call it Euclid Emerald. It's orthokeratology elevated. The smart, modern way to offer Ortho-K.

Discover some of the unique advantages of our proprietary MyoK™ lens design.

FDA Approved
(PMA #P040029)



Made in USA

Dual Alignment Curves

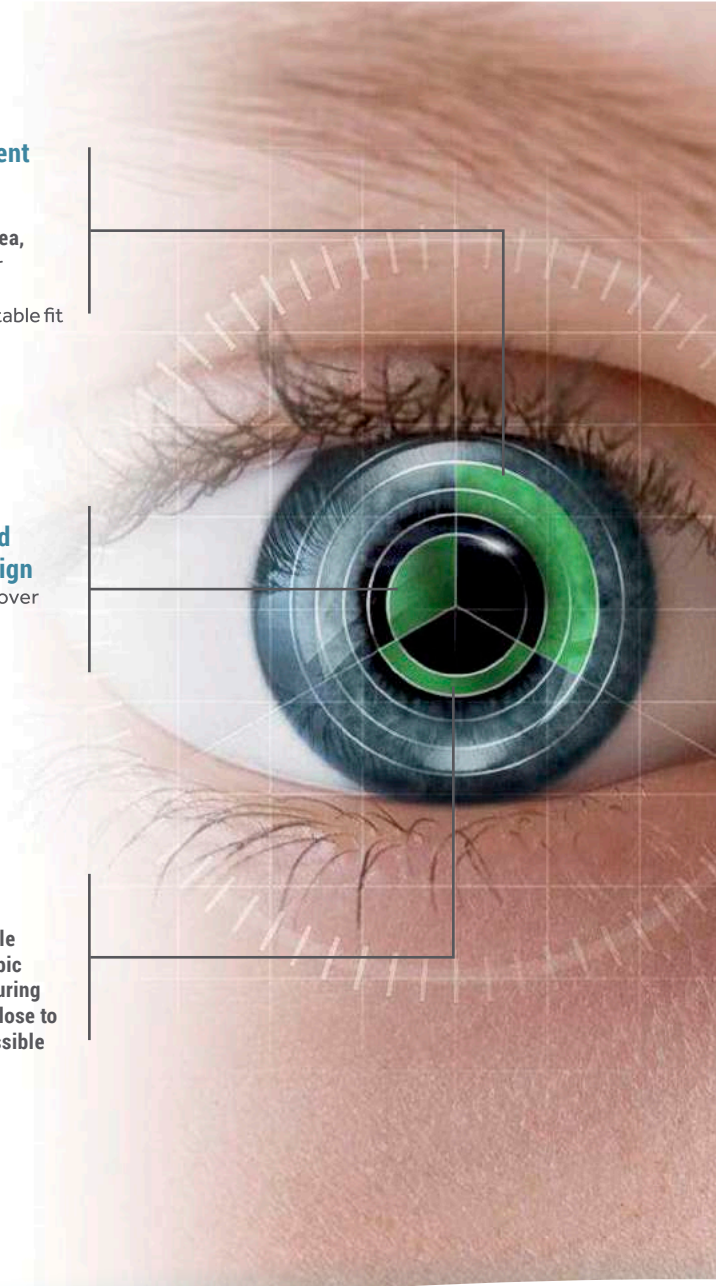
gently align the peripheral cornea, offering better centration for a closer, comfortable fit

Empirical and Intuitive Design

offers control over the size of the treatment zone

MyoK™ Lens Design

creates desirable peripheral myopic defocus by ensuring plus power as close to the pupil as possible



Build and Differentiate Your Practice as a Leader in Proactive Myopia Management

Patients rely on your expertise and continuous care to achieve the best possible outcomes.

With today's growing myopia epidemic, Euclid Emerald Ortho-K treatment offers your practice the opportunity to be a part of the exponential growth in myopia management for children.

Myopia is a Growing Opportunity

Ortho-K is an In-Demand Eyecare Specialty

No Trial Lenses Required



Patient-Specific Lenses with Proprietary MyoK™ Design

Each Euclid Emerald lens* is specifically designed for the individual patient's eyes. With Euclid Emerald, you don't select a lens that's the closest match from a fitting set. You provide patients the correct lens. It's tailored myopia management that complements your patient-centered practice.

Thanks to the power of three factor fitting, all we need are the following parameters:

the Rx, the K readings and HVID. This efficient, empirical process is devoid of guesswork and yields category-leading

95.5% fit success.^{6,**}

Rx K's HVID

*Euclid Emerald Toric is available for patients with astigmatism.

**With up to 1 lens exchange.



Build and Differentiate Your Practice as a Leader in Proactive Myopia Management

Patients rely on your expertise and continuous care to achieve the best possible outcomes.

For independent eye care professionals looking to differentiate themselves, Euclid Emerald is the right product, in the right place, at the right time.

**Euclid Emerald is
Not Available Online**

**Easy Three Step Process
to Get Started**

S P E C T R U M
I N T E R N A T I O N A L

MOONLENS™

BY KATT DESIGN GROUP

INTRODUCING THE LATEST ADVANCEMENT IN MODERN MYOPIA MANAGEMENT

Overnight Orthokeratology Lens System

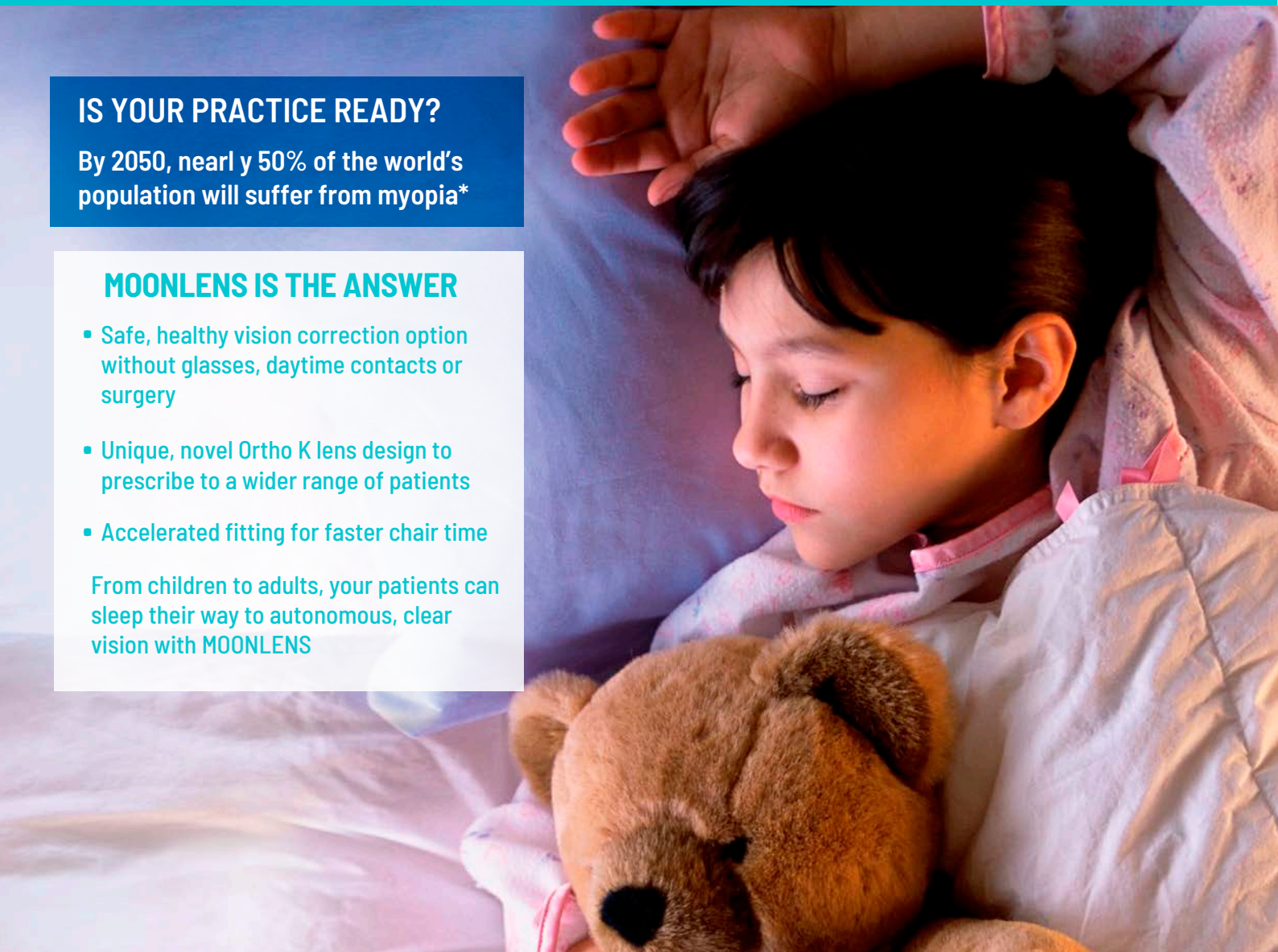
IS YOUR PRACTICE READY?

By 2050, nearly 50% of the world's population will suffer from myopia*

MOONLENS IS THE ANSWER

- Safe, healthy vision correction option without glasses, daytime contacts or surgery
- Unique, novel Ortho K lens design to prescribe to a wider range of patients
- Accelerated fitting for faster chair time

From children to adults, your patients can sleep their way to autonomous, clear vision with MOONLENS



MYOPIA MANAGEMENT MADE EASY

NO TWO PATIENTS ARE ALIKE. TREAT OPTIMALLY WITH MORE CUSTOMIZATION

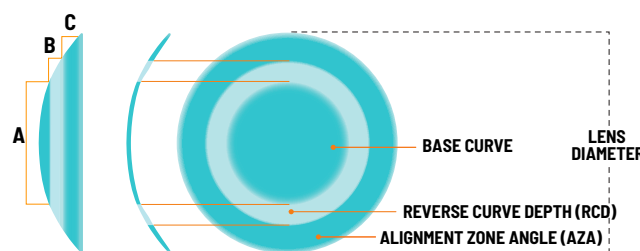
Created by Ortho K pioneers and lens design experts at KATT Design Group, MOONLENS is uniquely designed with a proprietary algorithm allowing more customization to optimize fitting for each individual patient eye.

- Multi-customization features improve sagittal depth, alignment zone and toricity for better stability, centration and comfort

- Up to -5.00D myopia correction
- 1.50D astigmatism correction

- Designed for high 1st Fit Success with micro-customization in 1 micron steps
- Convenient online calculator for efficient determination of parameters
- Made with Boston Materials a authorized for sale by Health Canada

BAUSCH+LOMB

Boston[®]
Materials

A = OPTICAL ZONE
B = REVERSE CURVE DEPTH (RCD)
C = LANDING ZONE ANGLE

MOONLENS Overnight
Orthokeratology Lens Design



MYOPIA MANAGEMENT MADE EASY

Ask us today about this new, easy way to manage your patients' myopia,
and your patients will thank you to the moon and back!



**GP CONTACT LENS SYSTEM WITH ECCENTRICITY
CONTROL AND PERIPHERAL SUPPORT**



**MYOPIA - HYPEROPIA
IRREGULAR CORNEAS
ASTIGMATISM - INTOLERANCE
MPD - PRESBYPIA - KC**

Manufactured by



COMPLETE GP SYSTEM FOR ALL TYPES OF CORNEAS

WELCOME TO SIMPLICITY

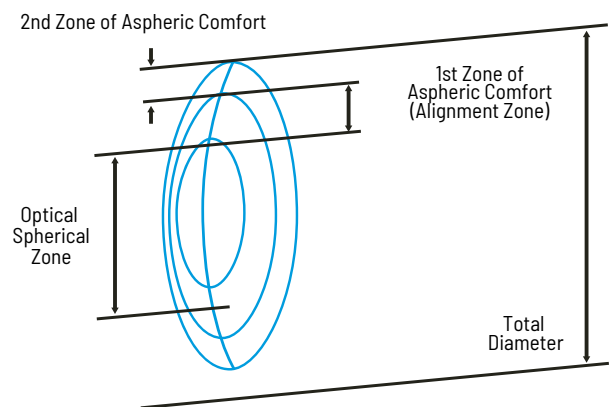
ElipSYS is a superior design based on research and 45 years of experience manufacturing RGP lenses. From the beginning, the ElipSYS system offers the simplest adaptation for both regular and irregular cornea providing great comfort.

Comfortable from the beginning of the adaptation

Its Sphero-Aspheric design with peripheral support control allows a better corneal alignment optimizing the tear exchange, maintaining centration and stability. Most patients achieve a high degree of comfort within a few days of use.

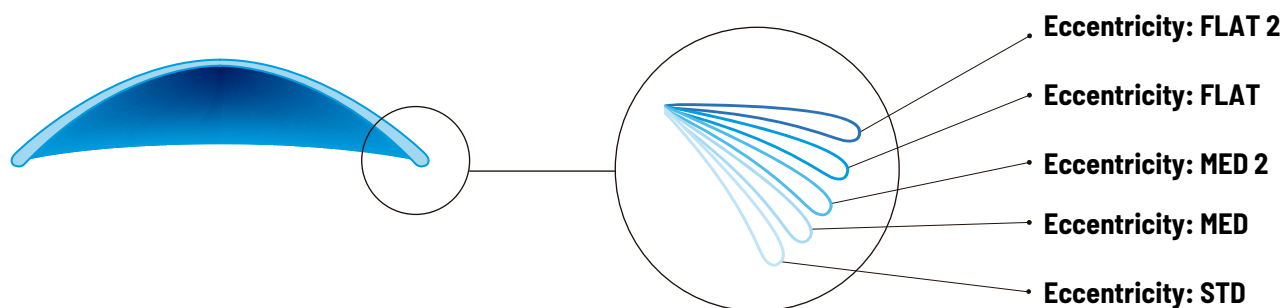
Easy to adapt

In 85% of the cases, the lens that is calculated with the fitting set is the definitive lens. The ElipSYS system is complemented with an online calculator that allows empirical calculations of the final lens or contrast the empirical result with the conclusions obtained with the fitting set.



The advantage of peripheral control

The new concept of "peripheral support control" is ideal for corneas that have different levels of eccentricity. Based on a statistical analysis, a nomogram was created identifying several levels of eccentricity for the different corneal conditions.



DATA SHEET

Geometry (interior):	Spherical-Aspheric with peripheral alignment control
Geometry (exterior):	Sphero-progressive

Characteristics:

Available Parameters:

Power (D):	± 25D
Eccentricity (Ecc):	STD, MED, MED 2, FLAT and FLAT 2
Base curve (mm):	5.00mm to 11mm (0.05mm steps)
Total diameter (mm):	7.00mm to 12.60mm (0.10mm steps)
Optic zone diameter (ZOM):	6.00mm to 10.00mm (0.10mm steps)
Central thickness:	0.17 (-3.00D) standar
Material:	Optimum Extra - CONTAMAC
Classification:	Focon III 4
Permeability to oxygen:	DK 100
Visibility Tint:	Blue
Recommended replacement:	Between 18 and 24 months
Plasma Treatment:	Yes
Identification Engraving:	Yes
Presentation:	Vial with security seal
Maintenance System:	Preservative + Isopropyl alcohol cleaner

Fitting Set with 30 Lenses

ElipSYS STD	Regular Cornea	DT. 9.80mm 10 Lenses
ElipSYS KC	Irregular Cornea	DT. 9.60mm 10 Lenses
ElipSYS SE	Readjustments / Decentralizations	DT. 11.20mm 10 Lenses

Contamac

OPTIMUM

 **Plasma treatment**



 **ORION**TM
VISION GROUP

SERIES X



bioColors™ are custom-made opaque lenses. With 22 opaque colors and two different iris patterns, patients can select from a vast number of color combinations. These lenses are available in both custom sphere and custom toric prescriptions.

bioColors™ prosthetic custom lenses are for patients with a wide variety of eye disorders and injuries. Our soft prosthetic lenses provide new hope in redefining discolored or misshapen pupils, amblyopia, and other ocular anomalies.



(ANTES)
BROWN IRIS



45X
BLUE GREY



46X
CARIBBEAN
BLUE



49X
EVERGREEN



54X
CHESTNUT



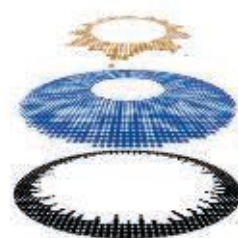
56X
DARK COCOA

SERIES V



How does it work ?

Orion Vision Group is a contact lens company that specializes in custom contact lenses that are not available from the major contact lens manufacturers.



Our innovative process seals the lens design and ink inside the lens, making them incredibly comfortable and durable.



(ANTES)
BROWN IRIS



45V
BLUE GREY



46V
CARIBBEAN
BLUE



49V
EVERGREEN



54V
CHESTNUT



56V
DARK COCOA

LENS PARAMETERS

Sphere	Cylinder	Axis
+20.00 to - 20.00 in 0.25 diopter steps	Up to -10.00 in 0.25 diopter steps	From 1 to 180 in 0.25 diopter steps
Material	Diameter	Base Curve
Polymacon 38% Methafilcon 55%	13.0 to 22.0 mm	7.7 to 9.5

LENS PARAMETERS

COLOR PARAMETERS

UNDERPRINT COLORS

Iris Design Diameters

- 10.5 mm
- 11.25 mm
- 12.25 mm

Limbal Ring Diameter













- Variable

Clear Pupil Sizes

- 2.8 mm
- 3.3 mm
- 4.2 mm
- 5.0 mm
- 6.0 mm

Occluded Pupil Sizes

- 3.0 mm
- 3.5 mm
- 4.0 mm
- 4.5 mm
- 5.0 mm
- 6.0 mm
- 7.0 mm
- 9.0 mm
- 10.5 mm
- 11.0 mm
- 12.0 mm

- | | | |
|----|---|----------------|
| 41 |  | Aqua Enhancer |
| 42 |  | Blue Enhancer |
| 43 |  | Green Enhancer |
| 44 |  | Baby Blue |
| 45 |  | Blue Gray |
| 46 |  | Caribbean |
| 47 |  | Turquoise |
| 48 |  | Lavender |
| 49 |  | Evergreen |
| 50 |  | Pistachio |
| 51 |  | Stormy Gray |
| 52 |  | Granite |
| 53 |  | Honey |
| 54 |  | Chestnut |
| 55 |  | Pecan |
| 56 |  | Dark Cocoa |

- | | | |
|----|---|---------|
| U1 |  | Black |
| U2 |  | Pecan |
| U3 |  | Stormy |
| U4 |  | Granite |

bioSPORT™ PERFORMANCE LENSES

bioSport™ lenses are custom lenses designed to enhance visual acuity for a variety of sporting activities. The colors available are Amber, Bolle Blue, Gray/Green, Green, SunTac and Yellow.



AMBER



BOLLE BLUE



GRAY/GREEN



GREEN



SUN TAC



YELLOW

bioMED™ THERAPEUTIC LENSES

bioMed™ Lenses are designed for patients who experience migraines, photophobia, eye strain and difficulties with glare. Colors are available in Blue Blocker, Cobalt, Lavender, Migraine 55, Red and Teal.



BLUE BLOCKER



COBALT



LAVENDER



MIGRAINE 55



RED



TEAL



M A G I C

LOOK

Magiclook™ contact lenses are designed to transform the eyes into incredible and irresistible ranges of colors. Our lenses provide a unique and natural look for those who want to enhance, change or create a different look in their eyes. Our technology enables us to produce realistic, natural looking lenses using the latest coloring processes. Ask us about the latest collection of Magiclook™ contact lenses, available in cosmetic and prescription versions.

Available parameters:
BC: 8.6

DIA: 14.5

PWR: +00.00 to -10.00

Material: 38%

Pack: In packs of 2

1 TONE



2 TONES



3 TONES





SUPPLIES



OPTICS

Oté Sensation

All-in-One

Premium Hyaluronate solution for soft contact lenses.

Strong cleaning action and sensational comfort

Oté Sensation is an innovative all-in-one solution which combines safety with comfort thanks to the double disinfecting system and the addition of a high quality Hyaluronate.

Softness due to Hyaluronate

The natural lubricant Hyaluronate compensates dry eye and contact lens wear, resulting in even greater wearing comfort. Oté Sensation contains a premium quality Hyaluronate made using an environmentally-friendly, water-based process, therefore does not contain any animal or toxic substances, which makes it work stably and safely.

Double antibacterial action

Besides its optimal wearing comfort, Oté Sensation also has very strong disinfecting properties thanks to the synergetic effect of two disinfectants: PHMB and Polyquaternium. The result is that Oté Sensation scores well above the ISO 14279 norm, which makes it possible to wear contact lenses safely.

Oté Sensation

- Double disinfecting system based on PHMB and Polyquaternium.
- Extra comfort due to high quality Hyaluronate Hyaluronate.
- Active protein and lipid removal.
- Contains no animal or toxic substances.
- PH neutral.
- Eminently suitable for soft contact lenses, including silicon-hydrogel lenses.



DUO
ANTIBACTERIAL



COMFORT



BIO- SAFE



SIH APPROVED



pH-NEUTRAL



REMOVES LIPID





OPTICS

Oté Fine

All-in-One

Comfort solution for hard gas-permeable contact lenses.

Thorough cleaning

The active substance Polysorbate 80 in Oté Fine provides a thorough cleaning of proteins and lipids.

Strong antimicrobial activity

Along with a thorough cleaning effect, Oté Fine also has strong disinfecting properties. PHMB prevents the growth of bacteria, yeasts and moulds.

Ultimate wearing comfort

HPMC ensures an increased viscosity of Oté Fine. This improves comfortable insertion and wearing comfort. Oté Fine is also an eminently suitable solution for night contact lenses.

Oté Fine

- pH neutral, minimising the risk of irritation.
- Thorough cleaning effect.
- Increased insertion and wearing comfort.
- Contains no animal or toxic substances.
- Suitable for hard contact lenses, including night contact lenses.



pH NEUTRAL



REMOVES
PROTEIN



ANTIBACTERIAL



INSERT-COMFORT





LIVE LIFE **VIBRANTLY**

Next Generation Hypochlorous Technology for Eye Health

Lid Care Protocol

In-Office Treatment: Antimicrobial Hydrogel Technology

- Performed by Eye Care Professionals
- Lid and Lash Debridement & Moistening Gel

At-Home Maintenance: Lid and Lash Cleanser Solution

- To be utilized by patients for at-home maintenance
- Lid and Lash Irrigating & Moistening Spray



Patient Benefits

- Relieves itchy, red, irritated eyes
- Eyes feel bright & clean
- Soothing & cooling effect
- Non-sensitizing, non-toxic, non-irritating
- Effective, affordable, easy application process

Clinical/Scientific Benefits

- 10 million times reduction in bacteria (safely & gently kills 99.999999% of bacteria)
- Anti-inflammatory effects have been shown to work through 5 different inflammatory pathways
- Interrupts vicious cycle of MGD dry eye disease

Eye Care Practitioner Benefits

- Rx only (ECP only)
- Between 20 – 140% higher concentration than other available ocular HOCL products
- 18-month shelf-life, 3-month supply at cost effective price
- Ideal integration opportunity for both contact lens and dry eye practices

up to
50%

of contact lens wearers drop out due to comfort issues

90%

of dry eye is caused by Meibomian Gland Dysfunction (MGD)

37%

of contact lens intolerant patients had MGD

How can ECPs integrate VibrantVue® into their practice?

PREVENT

Prescribe VibrantVue® as a preventative treatment for Contact Lens Intolerance. This can apply to both new and return patients to avoid irritation and keep eyes healthy.

TREAT

The two-product regimen is an ideal base treatment plan for their Dry Eye patients that can be utilized alone or in conjunction with other treatments (heating devices, lid expression, IPL, etc.).

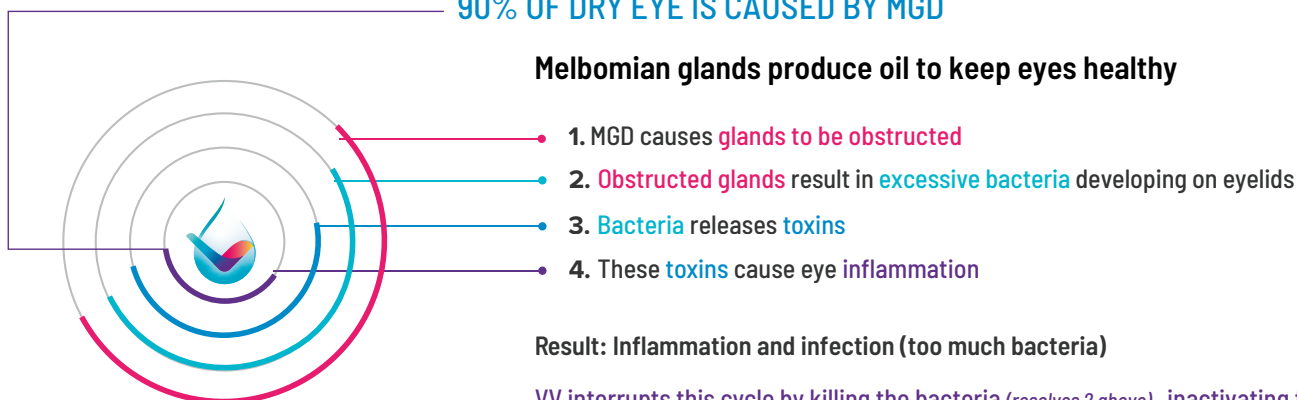
MAINTAIN

MGD management is vital to long-term contact lens success. Contact Lens Intolerance & MGD are both responsive to VibrantVue®'s antibacterial & anti-inflammatory effects.

Treatment of Dry Eye and Meibomian Gland Dysfunction (MGD) with VibrantVue®

90% OF DRY EYE IS CAUSED BY MGD

Meibomian glands produce oil to keep eyes healthy



Result: Inflammation and infection (too much bacteria)

VV interrupts this cycle by killing the bacteria (resolves 2 above), inactivating the toxins (resolves 3 above) and has a direct anti-inflammatory effect (resolves 4 above)

Bacteria (& Blepharitis)

- El ingrediente activo de VibrantVue® is a remarkable, broad-spectrum antimicrobial agent that is used by your body's own white blood cells to fight infection
- Kills bacteria on the lids and can be used as a lid scrub to remove debris

Inflammation

- The anti-inflammatory effects of the active agent in VibrantVue® have been shown to work through 5 different inflammatory pathways

Oils

- VibrantVue® helps to open up clogged Meibomian glands
- That combined with the antibacterial anti-inflammatory effects can dramatically improve the symptoms of dry eye disease



Buffered isotonic saline solution without preservatives

The **SPECTRUM SALINE Isotonic buffered saline solution** is a sterile, isotonic and buffered solution in single-dose format without preservatives that acts by mechanical entrainment, which is why it is especially suitable for people with sensitive eyes and nostrils.

Which are your principal functions?

With contact lenses:



- Rinse and insert scleral lenses.
- Rinse, hydrate and preserve scleral, soft and rigid gas permeable lenses.



Ocular instillation:

It is a very useful complementary solution for users of all types of contact lenses since it eliminates, for example, possible dust particles, reduces the discomfort derived from adverse environmental conditions, such as environments with air conditioning / heating, dry environments, environments with smoke, etc.

Technical data:

SPECTRUM SALINE Isotonic buffered saline solution is composed of elements that make it very effective:

• Sodium Chloride:

Para la tonicidad y la osmolaridad.

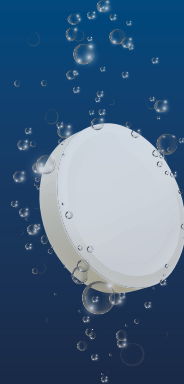
• Boric acid/Sodium borate buffer:

Control the pH of the solution to be the pH of the eye.

• Single-dose format without preservatives



**Single-dose 5ml
100 units box**



Spectrum PRX is a one-step peroxide system with a colour indicator for cleaning all types of contact lenses: conventional, scleral, disposable, silicone hydrogel, Ortho-k and RGP.



**Maximum disinfection
and cleaning**



PRESERVATIVES



360ml
36 tablets
1 lens holder



60ml
6 tablets
1 lens holder

Composición

Solución desinfectante: Peróxido de hidrógeno 3%, estabilizado.
Comprimido neutralizador: Cloruro sódico, polivinilpirrolidona, fosfato disódico, vitamina B2, 0,1 mg de catalasa y excipiente c.s.
No contiene conservantes.

¿Qué aporta?

Máxima desinfección
Mayor rapidez

Prescripción recomendada

Especialmente indicado para usuarios de lentes de contacto convencionales, desechables, hidrogel de silicona, RGP y Orto-K.

DESINFECCIÓN SIN BURBUJAS

1



No deben formarse burbujas, la cubierta se disuelve lentamente

2



Inicio: la cubierta está prácticamente disuelta y comienzan a formarse las primeras burbujas de oxígeno

3



Neutralización: liberación intensa de oxígeno y aclarado del lente. Al ser un proceso exotérmico, sube la temperatura

4



Finalización: el líquido se transforma en una solución salina sin conservantes

HIGH MOLECULAR FLUORESCCEIN STRIPS



Sterile Ophthalmic Strips

FLUORESCCEIN SODIUM OPHTHALMIC STRIPS USP



Sterile Ophthalmic Strips

LISSAMINE GREEN STERILE OPHTHALMIC STRIPS

S P E C T R U M

Lissamine

STERILE DIAGNOSTIC SCHRIMER TEAR STRIPS

S P E C T R U M

Schirmers

FLUORESCEIN SODIUM OPHTHALMIC STRIPS USP



Sterile Ophthalmic Strips



The #1 trusted brand worldwide manufactured with the highest quality standards.



Helps identify corneal and conjunctival deformities, thus guaranteeing outstanding results.



Unique formula, that facilitates the process of gas permeable contact lens fitting, as well as new generations of specialized contact lenses such as hybrid and scleral.



Packing: 100 strips.

HIGH MOLECULAR FLUORESCEIN STRIPS



Sterile Ophthalmic Strips



When fitting soft disposable or soft specialized contact lenses; the high molecular fluorescein becomes your best allied thanks to its stainless effect.



We have created a friendly and convenient formula, which generates a premium fluorescence effect without tinting the lens material, mostly used in preliminary eye diagnostics.



Your fittings will be more precise from now on!



Packing: 100 strips.



Generates a vital stain, which allows early detection of areas with changes in the structure of cell walls throughout the ocular surface.



Very useful for the diagnosis of the different types of tear dysfunction; allows to detect the severeness, evolution, and the efficiency of the treatment.



Indispensable in the fitting process of contact lenses, given that it helps to quickly and efficiently identify the landing zone of the lens that generates intolerance.



Packing: 100 Strips.

LISSAMINE GREEN STERILE OPHTHALMIC STRIPS

S P E C T R U M

Lissamine

Sterile Ophthalmic Strips



Steril schirmers strips graduated and indicated to measure tear levels.



Developed and manufactured to provide an easier and precise reading.



100 strips.

STERILE DIAGNOSTIC SCHIRMERS TEAR STRIPS

S P E C T R U M

Schirmers

Sterile Ophthalmic Strips

DMV INSERTION / REMOVAL

Scleral Lenses / Hybrids
Gas Perm / Ortho-K



GP lenses and Ortho-k

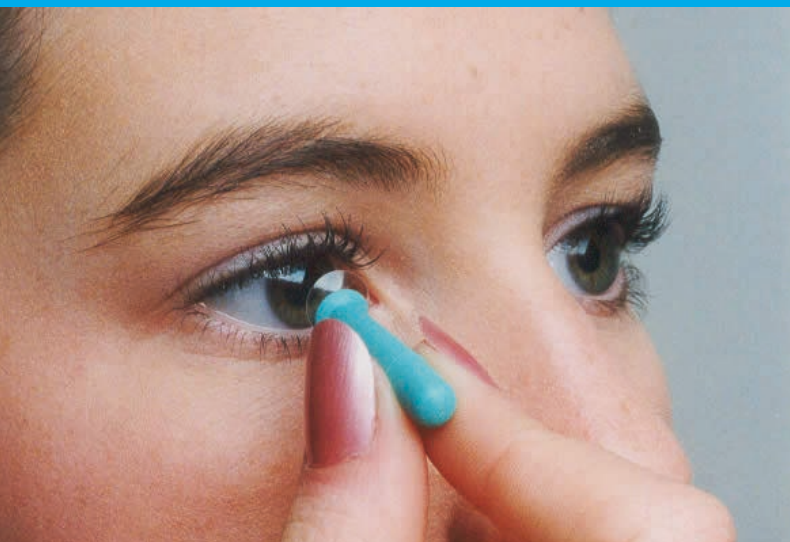
The **DMV® Classic™** removes and inserts rigid and gas permeable lenses using a small suction cup with a handle that allows you to easily grasp and release the lens without damaging it, it is especially suitable for handling larger GP lenses.



Hybrid and scleral lenses

Prosthetic Eye manipulation and Scleral Lens handling are enhanced by using the **DMV® Scleral Cup™**.

This suction cup product has been in use for decades and has become the industry standard for patients, contact lens fitters and Ocularists around the world. The Scleral Cup securely grasps the contact lens or prosthetic eye for insertion, removal and centering functions.



Available in
100 Kits - 250 Kits
and for purchase per unit

¿Why our **Premium Hand Sanitizer** is different ?



Flip tops are shrink banded to show never opened



Low pricing because our core business is not sanitizer



Scannable barcodes on bottles for inventory control



Made with aloe vera to keep your hands smooth with a pleasant lavender aroma providing constant hydration and a soothing effect



Manufacture under private label for visibility of your business



Offered by a highly reputable skin care company



We are FDA Certified (NDC Labeler Code: 79215)



Manufactured in our FDA Certified, GMP Compliant plant

*Do you need supplies for
your **biosecurity plan**?
Do you want to generate more
visibility for your business?*

**We can
manufacture this
product with your
own brand, colors and
contact information**



Our **Premium Hand Sanitizer** and antibacterial are essential in keeping your hands clean. The US Centers for Disease (CDC) recommends using a hand sanitizer that contains at least 60% alcohol. Keep everyone, especially those around you, safe from COVID-19. Our custom hand sanitizer bottles can be personalized with a logo, company name and contact information.

This **Premium Hand Sanitizer** is made with 70% alcohol and aloe vera to keep your hands smooth with a pleasant lavender aroma providing for constant hydration and a soothing effect.



FDA
CERTIFIED

EQUIPMENT





CORNEAL TOPOGRAPHER MEDMONT E300 USB

The Advantage of the E300 Topographer

- Largest capture area of any placido ring topographer providing full limbus to limbus coverage.
- Tear Film Surface Quality (TFSQ) Algorithm, Understand and Analyse Tear Film Breakup.
- Exceptional accuracy with a standard deviation of Error of 2 μm , considered the gold standard for fitting specialty contact lenses.
- Comprehensive database of contact lens and Orthokeratology lens designs.



The Medmont E300 Corneal Topographer offers extreme precision for mapping the cornea of patients. Using a PC, the complete corneal history of patients can be stored and accessed quickly and efficiently. Also included are a wide range of display options that provide the user with information they would only have dreamed before.

APPLICATIONS

The E300 USB Corneal Topographer has applications in a wide range of corneal analysis and treatment procedures, including Orthokeratology, Keratoconus, Contact Lens fitting, Corneal Grafts, PRK and LASIK procedures.

IMAGE CAPTURE

Images are captured automatically with a simple alignment system and progressive storage of the four best images. Difficult surfaces or patients become a simple task. The advanced analysis software corrects defocused, off-centered images, and corrects errors due to mis alignment, providing extreme accuracy. A simple image scoring system provides information to the user on the captured image quality.

CORNEAL COVERAGE

Based on an unobtrusive compact cone design in incorporating precision optics and using 32 rings with 9600 measurement points, the E300 USB provides detailed topography data over a wide area of the human cornea. Coverage extends from a minimum ring diameter of 0.25mm up to 14mm when using Composite Capture, which is ideal for a detailed assessment of corneal pathologies and detailed contact lens fitting.

CONTACT LENS FITTING SOFTWARE

Automatic fitting of RGP lenses, including multiple peripheral curves, toric, aspheric and conic designs is quickly and easily performed with the E300 USB. An expandable database of standard lens designs is included. Manual adjustment and repositioning of the lens can be performed, with the results presented on a simulated fluorescein display and a tear film clearance graph.

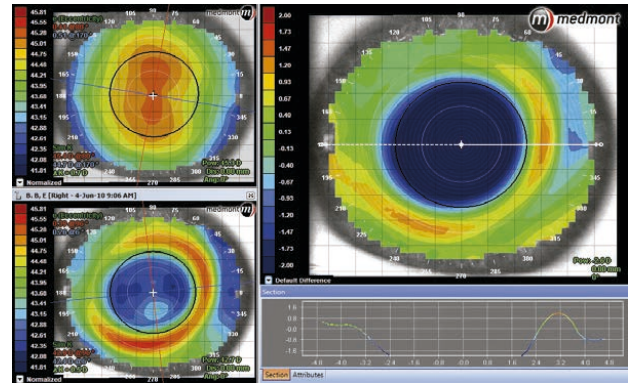
ANALYSIS AND DISPLAY

Easily configurable to specific preference of the user, the E300 USB is able to present a wide variety of different display options, with up to four images per screen.

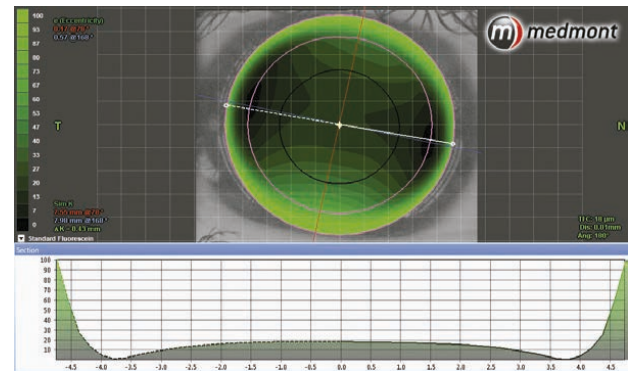
Examples of multiple images of the same type to identify trends, a different display, and a combination map which can present four different views (e.g. axial power, tangential power, elevation, and video image) of one examination.

Zernike analysis software is also provided, including analysis of corneal height data and wavefront error. Individual Zernike components can be displayed and analyzed

The differential map shows the changes between topographies, this clearly shows the change induced by the use of Orthokeratology lenses.



The contact lens fitting package is fully integrated with the rest of the software. It supports the fitting of Multi-Curve, Toric, Custom Designed Lenses and Sclerals. The contact lens database provides standard lens designs.

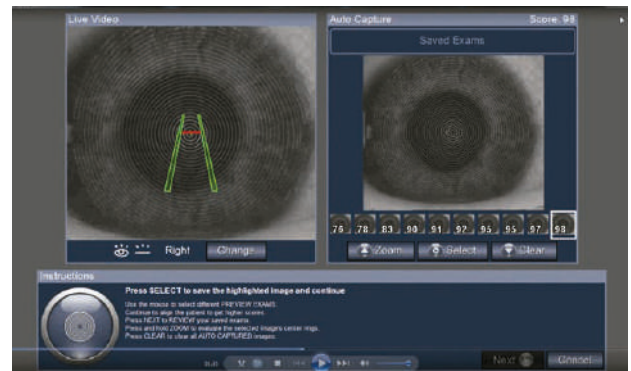


PRACTICE MANAGEMENT INTEGRATION

Medmont General Management Systems and Product databases can now be integrated using Medmont Studio. This avoids the need to capture patient information multiple times and dramatically improves practice efficiency.


Multiple E300 units can operate and share a database on a local or geographically remote network


Fully Automatic image capture makes patient testing simple and quick. Simply position the instrument, guided by the intuitive 3D focusing target, and the software does the rest. Each video frame is analyzed for centering, focus, and movement. The best four frames are automatically captured and displayed in the image windows above.



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