

PRODUCT GUIDE

SPECTRUM INTERNATIONAL

#specialize



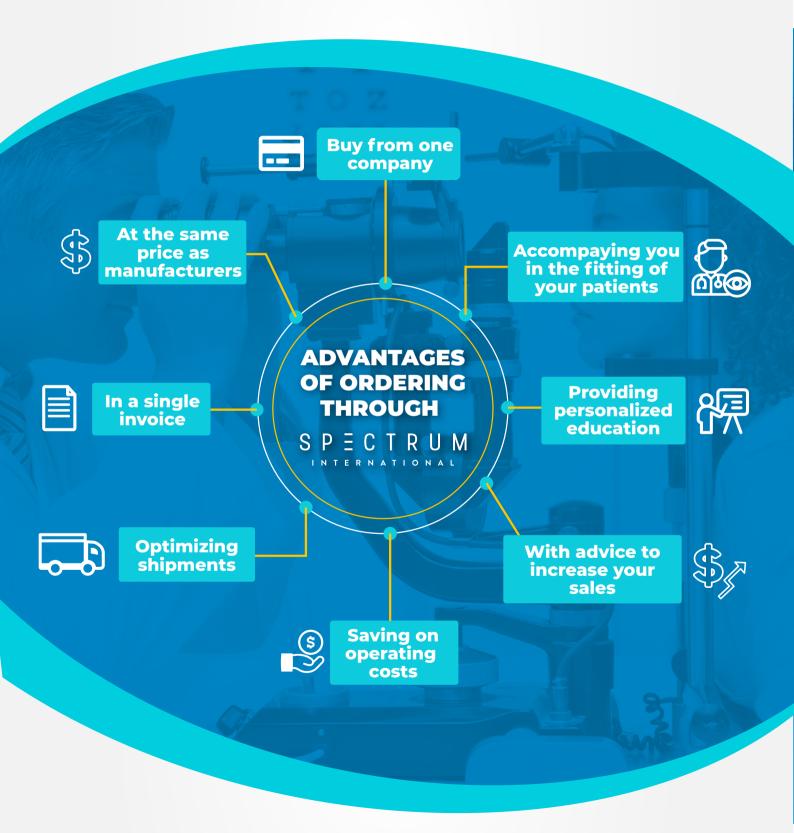
www.spctinternational.com

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



SPECTRUM

ONE STOP SHOP



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MOLDED CONTACT LENSES S P E C T R U M

INTERNATIONAL











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

Claria



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.

| 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 t -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 | | |





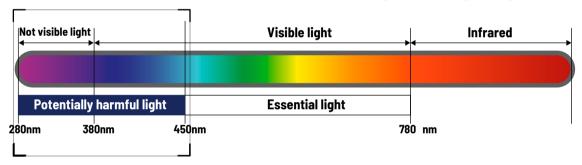






LENS WITH LOCK BLUE LIGHT

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%.

| | 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 oʻclock |
| CENTER THICKNESS | 0.108mm @ -3.00D |
| PACK | 6 |









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.

| S | PHERIC |
|--------------------------------|---|
| 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)(ml02/ml.mm Hg) |
| OXYGEN PERMEABILITY DK@35°C | 25.29x10 ⁻¹¹ (cm ² /s)(ml02/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)(ml02/ml.mm Hg) |
| OXYGEN PERMEABILITY DK@35°C | 24.45x10 ⁻¹¹ (cm ² /s)(ml02/ml.mm Hg) |
| PACK | 6 |

^{*} Cylinder Power -2.75D requires a minimum purchase.





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) | 26.03x10 ⁻⁹ (cm/s) (ml02/ml.mm Hg) | | |
| OXYGEN PERMEABILITY DK@35°C | $23.43 \times 10^{-11} (\text{cm}^2/\text{s}) (\text{mlO2/ml.mm Hg})$ | | |
| PACK | 6 | | |





Inspire your eyes

markennovy

SOFT CUSTOM LENSES

MONTHLY CONTACT LENSES



Blu:gen - monthly

Individualized contact lens 3 Pack

SPHERIC

MULTIFOCAL

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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.

| PARAI | METERS | | |
|----------------------------|--|--|--|
| 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 | | |
| | | | |
| MATE | RIAL | | |
| TYPE | Silicone Hydrogel (75% H ₂ 0) | | |
| SELECTIVE BLUE LIGHT FILTE | ER Yes: blocks at least 14% of harmful blue-violet light | | |

| 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 |



Blu:kidz - monthly

Individualized contact lens 3 Pack

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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 | 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 |
| Blu:gen y Blu:kidz | 13.00 | 6.50 - 8.90 | Km +0.0 |
| | 13.50 | 6.80 - 9.20 | Km +0.1 |
| Fitting Guide | 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 |
| Lens Ø: Add 3mm to the visible iris | 15.50 | 8.00 - 9.80 | Km +0.9 |
| diameter | 16.00 | 8.30 - 9.80 | Km +1.1 |
| BC: Km = (K1+K2)/2 | 16.50 | 8.60 - 9.80 | Km +1.3 |

| PARAMETERS | | |
|---------------------------|--|--|
| 6.50 to 9.80 (0.30) | | |
| 11.50 to 16.50 (0.50) | | |
| ±30.00 (0.25) | | |
| -0.75 to -8.00 (0.25) | | |
| All (1°) | | |
| 0.50 to 4.00 (0.25) CD/CN | | |
| | | |

| MATERIAL | | |
|-----------------------------|---|--|
| ТҮРЕ | Silicone Hydrogel (75% H ₂ 0) | |
| 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

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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 ($0.29 \, \text{Mpa}$) 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 |
|-------------|-------------|-----------------|
| (וווווו) שט | DC (IIIIII) | KIII- (KITKZ)/Z |
| 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 | | |
|---------------------------|--|--|
| 6.80 to 9.80 (0.30) | | |
| 13.00 to 16.00 (0.50) | | |
| ±30.00 (0.25) | | |
| -0.75 to -8.00 (0.25) | | |
| All (1°) | | |
| 0.50 to 4.00 (0.50) CD/CN | | |
| | | |

| MATERIAL | | | |
|-----------------------------|--|--|--|
| TYPE | Silicone Hydrogel (75% H ₂ 0) | | |
| 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



) MULTIFOCAL

🕠 TORIC



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 | DØ (mm) | BC (mm) | Km=(K1+K2)/2 |
|-------------------------------------|---------|-------------|--------------|
| | 13.00 | 7.10 - 8.90 | Km +0.0 |
| Gentle 80 | 13.50 | 7.10 - 9.20 | Km +0.0 |
| Fitting Guide | 14.00 | 7.40 - 9.50 | Km +0.1 |
| i ittilig oulde | 14.50 | 7.70 - 9.80 | Km +0.3 |
| Lens Ø: Add 3mm to the visible iris | 15.00 | 8.00 - 9.80 | Km +0.5 |
| diameter | 15.50 | 8.30 - 9.80 | Km +0.7 |
| BC: Km = (K1+K2)/2 | 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 0) | | |
| 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

O SPHERIC

MULTIFOCAL

🕽 TORIC

MULTIFOCAL TORIC

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' lifecyle, 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 | | |
|-----------------------------|------------------------------|--|
| ТҮРЕ | Ori:gen Technology (59% H2O) | |
| 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

() SPHERIC

MULTIFOCAL



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

| 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 | SPH+ SPH- |
| | A 1.00 CN 1.00 CD |

1.75 CN 2.00 CD 2.50 CN 3.00 CD

PARAMETERS

| MATERIAL | | |
|-----------------------|---------------------------------|--|
| ТҮРЕ | Hydrogel (49% H ₂ 0) | |
| 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 | |

*excl. between ±0.75

QUARTERLYCONTACT LENSES



Saphir - quarterly

Individualized contact lens Single and 2 Pack

O SPHERIC

MULTIFOCAL

() TORIC

MULTIFOCAL TORIC

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 o -8.00 (0.25) | |
| AXES (°) | All (5°) | |
| ADDITIONS | 0.50 to 4.00 (0.50) CD/CN | |
| MATERIAL | | |
| ТҮРЕ | Ssilicone Hydrogel (75% H ₂ 0) | |
| WATER CONTENT | 75% | |
| CENTRAL THICKNESS (-3.00 D) | 0.12 | |
| DK (ISO 9913-1-1998) | 60 | |
| DK/T (-3 00 D) | 50 | |

No

0.29

Lathed

0.09

Single and 2 Pack

No

HANDLING TINT

ULTRAVIOLET LIGHT BLOCKING

MANUFACTURING PROCESS

MODULUS

PACK SIZE



Saphir - quarterly

Individualized contact lens Single and 2 Pack

SPHERIC



TORIC

MULTIFOCAL TORIC

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) | 3.00 to 16.00 (0.50) |
| SPHERES (D) | 30.00 (0.25) |
| CYLINDERS (D) | 0.75 to -8.00 (0.25) |
| AXES (°) | \II (5°) |
| ADDITIONS | 0.50 to 4.00 (0.50) CD/CN |
| | |
| MATERIA | <u>AL</u> |
| TYPE | Hydrogel (59% H ₂ 0) |
| WATER CONTENT | 59% |
| | |
| CENTRAL THICKNESS (-3.00 D) | 0.12 |
| CENTRAL THICKNESS (-3.00 D) DK (ISO 9913-1-1998) | 0.12 24 |
| | |
| DK (ISO 9913-1-1998) | 24 |
| DK (ISO 9913-1-1998) HANDLING TINT | 24 Blue |
| DK (ISO 9913-1-1998) HANDLING TINT MODULUS | 24 Blue 0.32 |
| DK (ISO 9913-1-1998) HANDLING TINT MODULUS ULTRAVIOLET LIGHT BLOCKING | 24 Blue 0.32 N0 |



SOFT LENSES FOR MYOPIA MANAGEMENT AND CONTROL





SOFT LENSES FOR MYOPIA MANAGEMENT AND CONTROL

MYLO

SILICONE HYDROGEL





| 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 | |
|-----------------------------|---|
| ТҮРЕ | 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 |



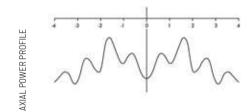
¿Need fitting advice?

Contact Spectrum International for adaptation and certification

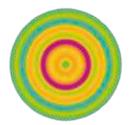
MYLO is an individually crafted silicone hydrogel contact lens specifically designed for Myopia management and control.

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)





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 | |
|-----------------------------|--|
| ТҮРЕ | Silicone Hydrogel (75% H ₂ 0) |
| 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





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) SPHERES (D) | 11.50 to 16.50 (0.50) ±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



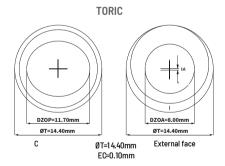
Xtensa Rx is a hydrogel lens developed from our proven hydrogel material. It features cylinders up to -5.75 adding a customisable toric range to the product family's moulded offering.

| \sim | |
|--------|-------|
| () | TORIC |
| W | IURIU |

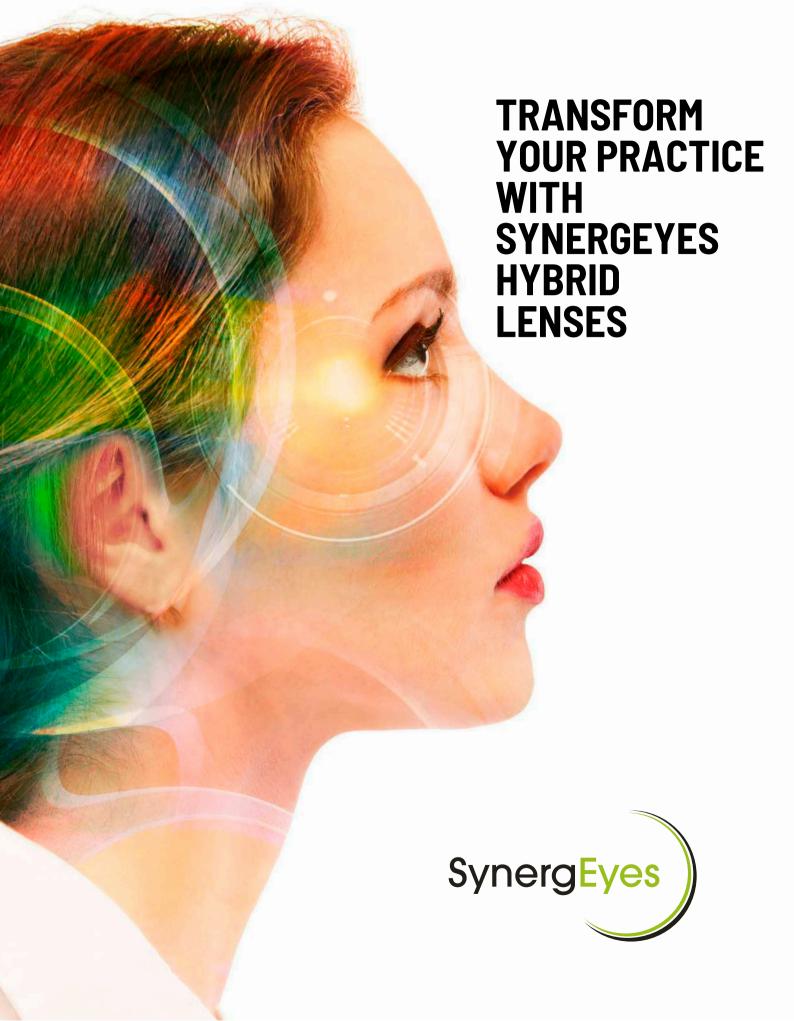
| PARAMETERS | |
|------------------|---|
| BASE CURVES (mm) | 8.70 |
| DIAMETERS (mm) | 14.40 |
| SPHERES (D) | ±10.00 (0.50D from +4.00/-6.00) |
| CYLINDERS (D) | -0.75 to -5.75 (0.50) |
| AXES (°) | All cil \leq -2.75 (10°) cil > -2.75 (5°) |

| MATERIAL | | |
|-----------------------------|---------------------------------|--|
| ТҮРЕ | Hydrogel (55% H ₂ 0) | |
| 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.





HIBRID PRODUCT MATRIX

| Corneal Conditions | 1ra Opción | 2da Opción |
|--|---|-------------------------------|
| Spherical Eye: Myopia and Hyperopia | H Duette | SynergEyes A |
| Astigmatism up to2.25 D | H Duette | SynergEyes A |
| Astigmatism 2.50 D or more | H Duette Enhanced Profile | SynergEyes A Enhanced Profile |
| Normal Cornea with Presbyopia | H Duette Progressive | |
| Presbyopia with Astigmatism up to 2.00 D | H Duette Progressive Near or distance zone | |
| Presbyopia with Astigmatism 2.25 D or more | Duette Progressive Enhanced Profile Near or distance zone | |
| Emerging Keratoconus | H UltraHealth | H UltraHealth FC |
| Moderate Keratoconus (low cone) | H UltraHealth FC | H UltraHealth |
| Moderate Keratoconus (central cone) | H UltraHealth | ℍ SynergEyes KC |
| Advanced Keratoconus | H UltraHealth | H SynergEyes KC |
| Early Pellucid Marginal Degeneration | H UltraHealth FC | H UltraHealth |
| Moderate Pellucid Marginal Degeneration | H UltraHealth FC | H UltraHealth |
| Advanced Pellucid Marginal Degeneration | H UltraHealth | |
| Post Keratoplasty - Oblate Graft | H UltraHealth FC | |
| Post Keratoplasty - Prolate Graft | H UltraHealth | |
| Post Surgical Ectasia (mild to moderate) | H UltraHealth FC | H UltraHealth |
| Post Surgical Ectasia (severe) | H UltraHealth | |

Legend



Hybrid Lenses Irregular Cornea





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.

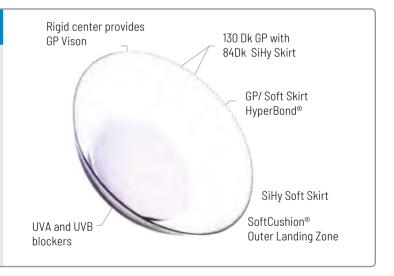
The Duette Empirical Calculator (www.duettecalculator.com) can be used to help select the initial lens.

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 |



| 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.

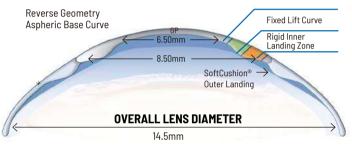
LENS BENEFITS

- 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.

DESIGN

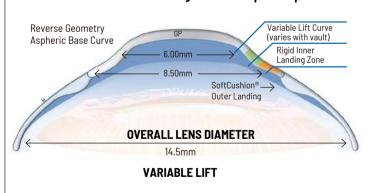
- Aspheric, reverse geometry vaulted lens design for clear GP vision.
- Patented HyperBond® junction secures GP center and soft skirt.
- SoftCushion® Outer Landing Zone cushions for increased comfort.
- UVA and UVB blockers to protect the eye from harmful rays.

UltraHealth Lens Design Vaults 50μ - 250μ



FIXED LIFT

UltraHealth Lens Design Vaults 300µ - 5500µ



| Skirt Curves | Base Curves | Lens Powers | Materials |
|---|------------------------------------|--|--|
| 50-25µ : 8.7 Flat2, 8.4 Flat, 8.1 Med, 7.9 Steep 300-550µ : 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 |



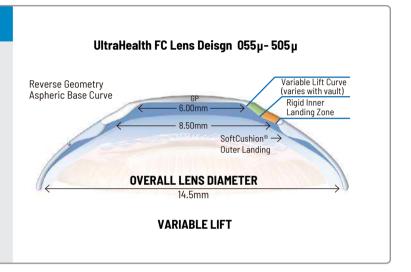




The UltraHealth FC hybrid contact lens is an extension of the UltraHealth product line. It is indicated for eyes with refractive errors resulting from corneal surgery or trauma including hyperopia, myopia, astigmatism and irregular astigmatism. The design of the lens works well with oblate corneas or 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.



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.





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.

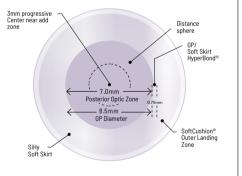
DESIGN

- 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.

Central Distance Design (CD) Adjustable Central Distance Zone (mm): 1.8-4.0 Add Powers (D) +0.75 to +5.00 in 0.25 D Steps Adjustable Center Distance Zone (1.8-4.0mm range) Near Add Zone (1.8-4.0mm range) Transition Optic Zone O

Central Design Close (CC)

Central Near Zone (mm): 3.0 Add Powers (D) +1.00, +1.75, +2.50



| 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 |



SCLERAL LENSES









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.

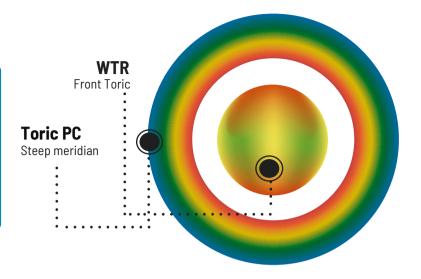
| | PARAMETERS |
|------------------|-------------------------------------|
| Base Curve | Any |
| Diameter | 16.0, 18.0 & 20.0mm |
| BV Powers | Made to order |
| Cylinder | -0.25 D to -15.00 D (in 0.25 steps) |
| Axis | 1° to 180° (in 1 steps) |
| Toric Haptic | 0.50 D to 8.00 D in 0.50 steps |
| Add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



All lenses are plasma treated to ensure surface wetting.

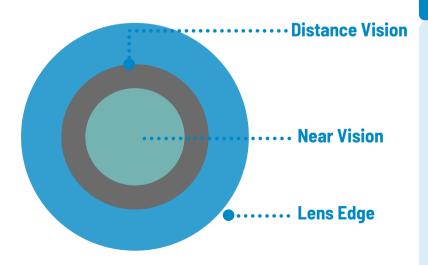


BI-TORIC & TORIC HAPTICS)



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 refrancting 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.





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)



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.



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

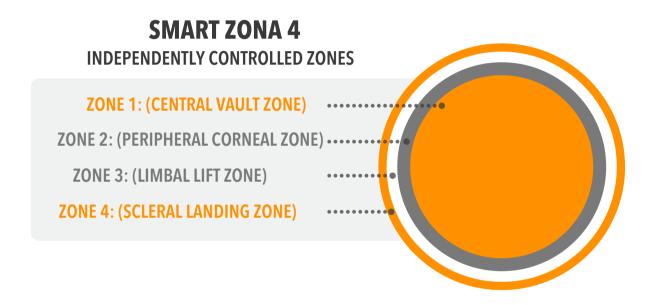
ALL IN ONE DESIGN!





SMART 4 ZONE SCLERAL LENS DESIGN

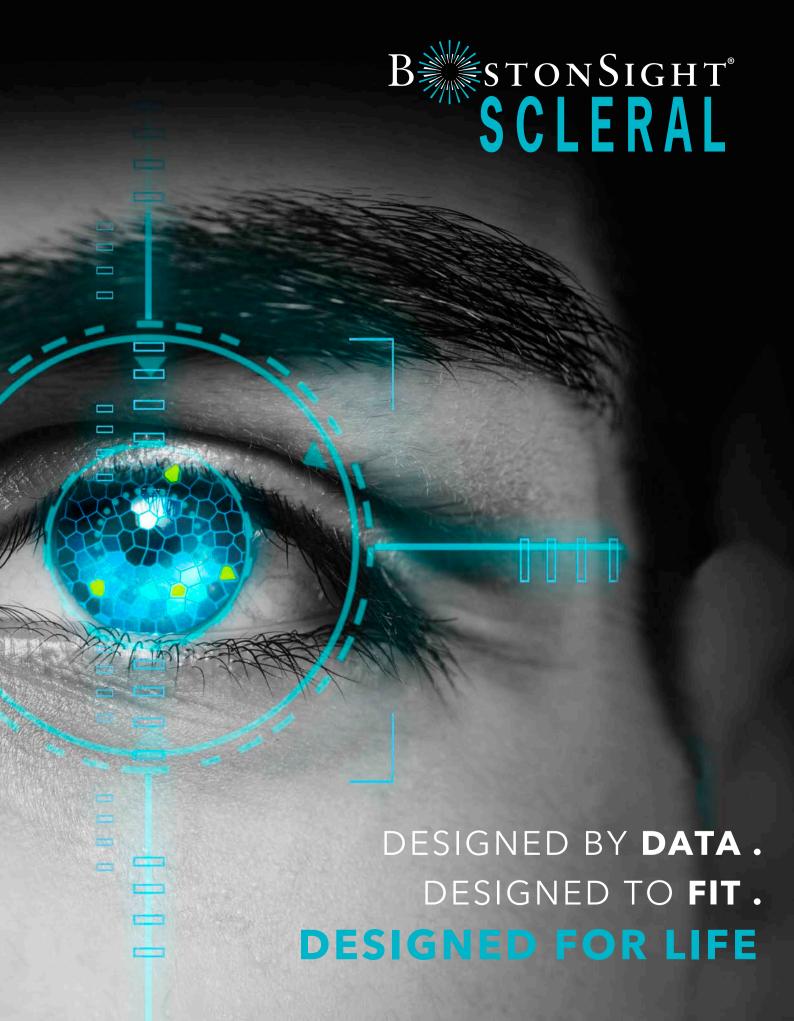
The SMARTLENS™ is a new generation of vaulting scleral lens which incorporates numerous unique features unlike any other, making it the smartest scleral lenses design.



Utilizing a propietary **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.





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:



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

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



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.



FitAcademyTM 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® XO2 | |



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[™]

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 specífic limbal zone | | |
| Independent central SAG adjustments | Quadrant specífic scleral zone | | |
| Up to 17.5 diameter option for deep SAGs | Expanded independet 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 obsctructions | | |

Patient Applications:

- Keratoconus / Keratoglobus
- Post Surgical
- Pellucid Marginal Degeneration pelucida)
- 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.



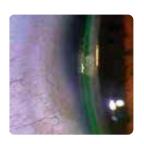
The Atlantis fitting philosophy is based on the premise of customizing the lens fit by manipulating three different zones to control the sagittal height relationship of the lens to the anterior ocular surface. This produces one of the widest ranges of lens sagittal depths in the industry. Each zone has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



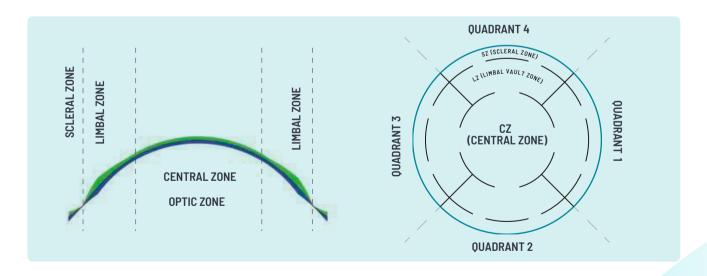
LIMBAL ZONE

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 adjusments (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 | 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. Oblate Corneas Irregular Corneas Normal corneas with larger HVID > 11.5 needing more limbal clearance | |
|--------------------------------|--|--|
| 14.5 C Compact | The ideal lens for patients with who would benefit from a slightly smaller lens design: Normal Corneas Presbyopic patients Smaller than average corneas with HVID < 11.5 Tight lids or small fissures | |
| 16.5 L Large | A great lens size to move to when the 15.5mm lens is not adequate to fit pronounced corneas. More SAG than the 15.5mm will provide Extra-large HVID needing limbal clearance | |

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 | |
| Scieral 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 | Optimum Extra*, Optimum Extreme*, Optimum Infinite, Boston X0*, Boston X02* and Paragon HDS | |
| i latel lais | NOTE: Materials with an asterisk (*) are indicated for the management of dry eye disease. | |
| 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. | | |





APEXTM

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 |
|---------------------------------------|---------------------|---|
| Long Diding High | | Steepen Base Curve by 1.00 D |
| Lens Riding High | | Reduce Diameter by .3mm |
| Land District Land | Movement with Blink | Flatten Base Curve by 1.00 D |
| Lens Riding Low | No Movement | Decrease Diameter by .3mm |
| F M | | Steepen Base Curve by 1.00 D |
| Excessive Movement | | Increase Diameter by .3mm |
| Restricted Movement | | Flatten Base Curve by 1.00 D |
| Nestricted Hovelhein | | Decrease Diameter by .3mm |
| | Controlly | Flatten Base Curve by 1.00 D |
| Bubbles | Centrally | Decrease Diameter by .3mm |
| Dubbles | Peripherally | Decrease Edge Lift (Flat to Medium, Medium to Steep) |
| | | Increase Diameter by .3mm |
| | New Lens | Clean Lens |
| Surface Non Wetting | New Lens | Change Material |
| | Older Lens | Clean Lens |
| | Older Letts | 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







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:

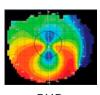
- Use diagnostic lenses to ensure best fit
- The goal is to equally distribute the mass of the lens avoiding areas of vault and/or bearing of the corneal surface
- Although the lens is large, appropriate lens movement and tear exchange is always necessary to maintain corneal health

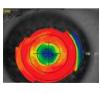
Topographies where the Titan should be considered:













PRK

PKP

ELEVADOS

PMD

RK

RK





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 3400D (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 |
| Excessive movement | | Increase Diameter by .3 mm |
| Restricted Movement | | Flatten Base Curve by .50 D |
| nestricted flovement | | Decrease Diameter by .3 mm |
| | Centrally | Flatten Base Curve by .50 D |
| Bubbles | | Decrease Diameter by .3 mm |
| Babbio | 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™







Atypical Refractive Correction

CUSTOM SOFT CONTACT LENS FOR IRREGULAR CORNEAS

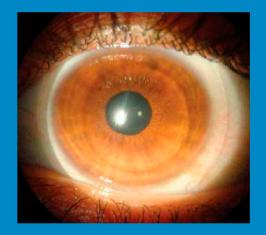
The Flexlens ARC, Atypical Refractive Correction, is a custom soft lens design that fits like a regular toric contact lens.

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.

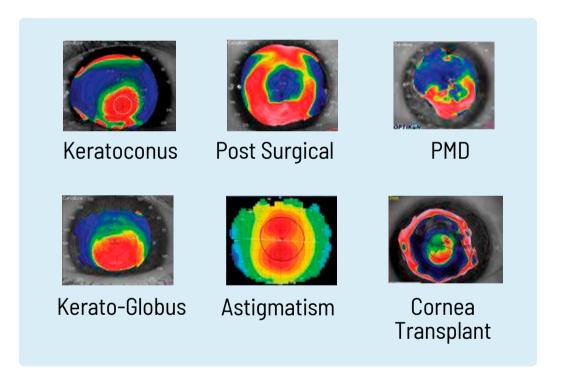
This lens is indicated for the visual correction of various ocular conditions including keratoconus, pellucid marginal degeneration, corneal transplants, post refractive surgery and/or any irregular cornea conditions.

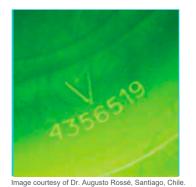
| PARAMETERS | | | |
|---------------|-----------------------------------|--|--|
| Base Curve | 6.0mm to 8.7mm in 0.1mm steps | | |
| Fitting Curve | 8.6 Standard | | |
| Diameter | 13.0mm to 16.0mm in 0.5mm steps | | |
| Power | +20.00D to -20.00D | | |
| Cylinder | -0.50D to -10.00D in 0.25 D steps | | |
| 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.





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 | Go to 0.50 thick lens | Increase prism to 2.00 |
| 0.30 thick lens | ou to 0.50 thick lens | 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 aphabic and non-aphabic patients with non-diseased eyes with myopia or hyperopia and possesses refractive astigmatism not exceeding 10.00D.

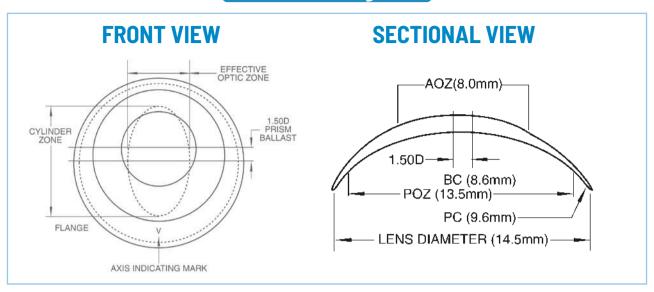
| Design Features | Design Benefits | |
|--------------------------|---|--|
| Prism ballast design | Predictable orientation with minimal rotation | |
| Uniformed edge thickness | Enhanced comfort | |
| Back surface toric | Rapid stabilization | |
| Monthly replacement | Better patient compliance | |
| 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 | Suggested BC | Suggested Diameter |
|--------------------|----------------|---------------------------|
| 45.00D and steeper | 8.0mm to 8.3mm | 14.0 |
| 43.25D to 44.75 D | 8.3mm to 8.6mm | 14.0 or 14.5 |
| 41.25D to 43.00 D | 8.6mm to 8.9mm | 14.5 or 15.0 |
| 41.00D and flatter | 8.9mm to 9.2mm | 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 | |

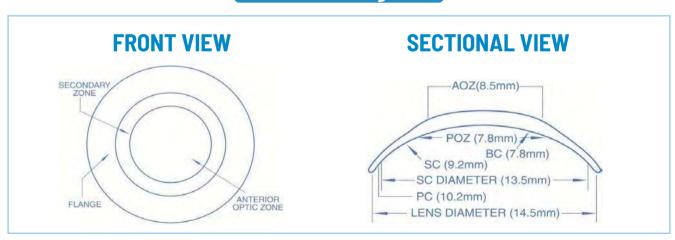


FLEXLENS® TRI-CURVE KERATOCONUS

CONTACT LENSES FOR KERATOCONO 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



| 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 step | | | |
| Center Thickness | .45mm to .65mm | | |

TROUBLESHOOTING

| Patient Symptoms | Objective Findings | Possible Causes | Plan |
|--|--|---|--|
| | Unacceptable vision on eye chart | Incorrect refraction or over-refraction | Order new lenses based on new refraction or overrefraction |
| | | Base curve too flat | Steepen base curve by 0.3mm |
| | Lens not centered | Diameter too small | Increase diameter 0.5mm |
| Poor visual acuity on delivery or first | | Base curve too flat. Flat Fit = patient will exhibit "clear, blue, clear" when blinking | Steepen base curve by 0.3mm |
| follow-up | Fluctuating vision | 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 spectaclesover the lenses |
| | Oalamalim dambabiam | Lens too steep | Flatten base curve by 0.3mm |
| | Scleral indentation | Lens is too large | Decrease diameter by 0.5mm |
| Vision decreases during the day | 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 |
| | | Improper fit | Evaluate fit |
| Initial discomfort | | Incompatibility with solutions | Change patient's care system |
| | F | Base curve too flat | Steepen base curve by 0.3mm |
| | Excessive movement | Diameter too small | Increase diameter 0.5 mm |
| | | Base curve too steep | Flatten base curve 0.3 mm |
| Discomfort at days end | Too little or no movement | Diameter too large | Decrease diameter by 0.5 mm |
| dayo ciid | | 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 | Superior or inferior | Base curve too flat | Steepen base curve 0.3 mm |
| during wear | edge lift | Diameter too large | Decrease diameter 0.5 mm |

Flexlens® Tri-Curve



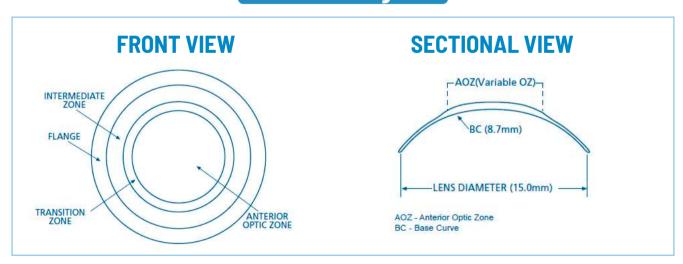
FLEXLENS® POST REFRACTIVE (PRS)

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 |
|--|--|---|--|
| | 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 |
| Poor visual acuity ondelivery or first | Fluctuating vision | Center thickness too thin | Increase center thickness to .45mm |
| follow-up | Sphero-cylindrical | Cylinder over-refraction 2.00 diopters and under; center thickness too thin | Increase center thickness .45mm |
| | overrefraction provides good vision | Cylinder over-refraction over 2.00 diopters | Change to Flexlens ARC lens design, Atlantis Scleral, Piggyback lens design or utilize spectacles over lenses |
| | Oaland's danket's | Lens too steep | Flatten base curve by 0.3mm |
| | Scleral indentation | 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 |
| Vision decreases | | Lens is too steep | Flatten base curve by 0.3mm |
| during the day | | 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 | DDiscuss care system with patient and change as necessary |
| | | Improper fit | Evaluate fit |
| Initial discomfort | | Incompatibility with solutions | Change patient's care system |
| | Excessive movement | Base curve too flat | Steepen base curve by 0.3mm |
| Discomfort at | LXCESSIVE IIIOVEIIIEIIL | Diameter too small | Increase diameter by 0.5mm |
| | Too little of no movement | Base curve too steep | Flatten base curve by 0.3mm |
| | | Diameter too large | Decrease diameter by 0.5mm |
| day's end | | 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



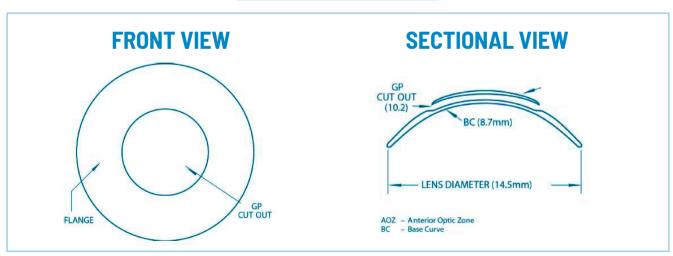
FLEXLENS® PIGGYBACK

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 beneft 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



| 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 afer 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

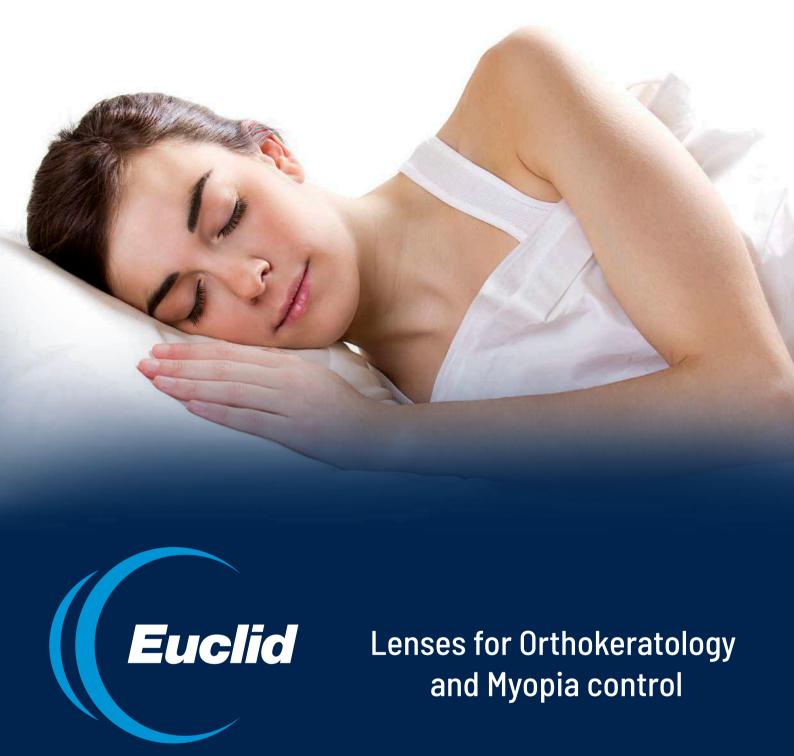
FOR AN EXACT FIT EVERY TIME

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 |



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.

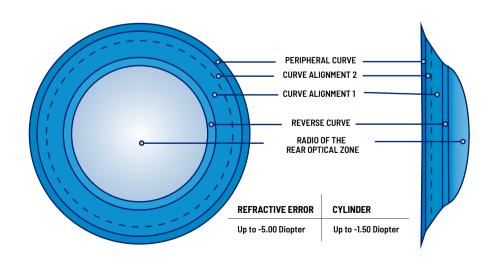
Clinically proven empirical fit outstanding results

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, 1 and it is expected to become the leading cause of permanent blindness.

5 billion people or

of the world's population will be myopic by 2050



There is no need of an expensive trial lens set

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.



Dual Alignment Curves

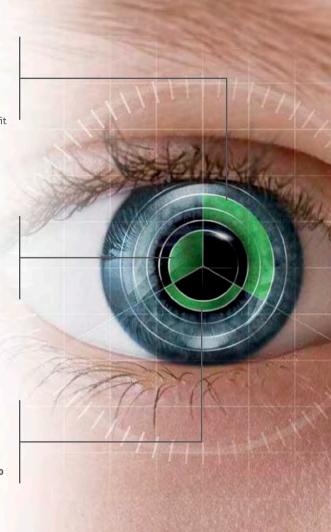
gently align the peripheral cornea, offerina better centration for a closer, comfortable fit

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:

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

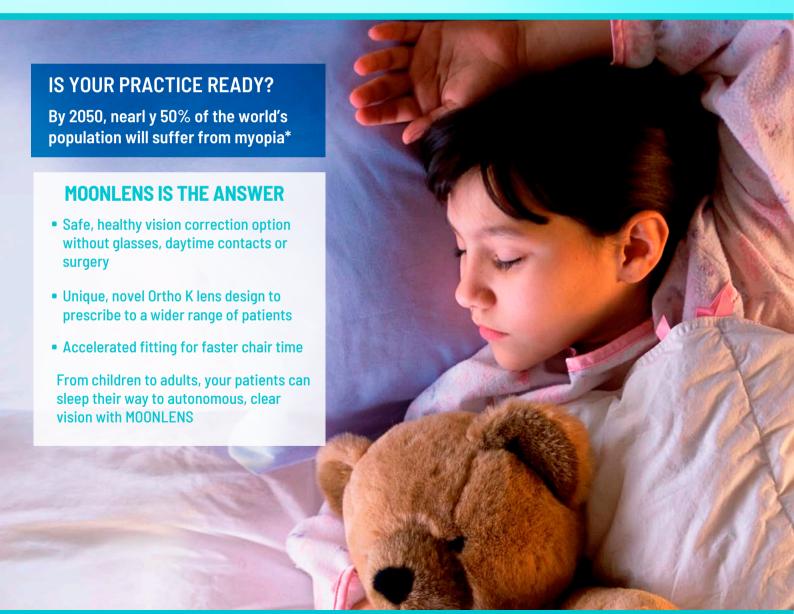
S P E C T R U M

MO)NLENS

BY KATT DESIGN GROUP

INTRODUCING THE LATEST ADVANCEMENT IN MODERN MYOPIA MANAGEMENT

Overnight Orthokeratology Lens System



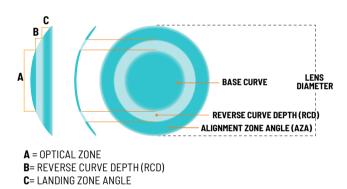
MYOPIA MANAGEMENT MADE EASY

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

Boston®



MOONLENS Overnight Orthokeratology Lens Design



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.

Optical Spherical Zone Total Diameter

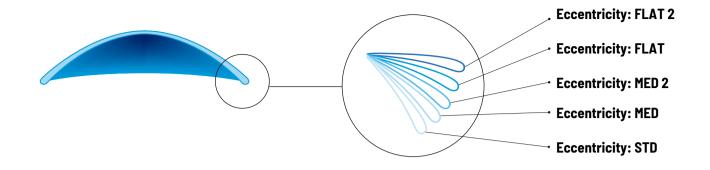
Easy to adapt

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 done diameter (ZOmm): | 6.00mm to 10.00mm (0.10mm steps) | |
| Central thickness: | 0.17 (-3.00D) standar | |
| Material: | Optimum Extra - CONTACMAC | |
| 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 |











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.







45X **BI UF GREY**



46X CARIBBEAN **BLUE**



49X **FVFRGRFFN**



54X



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.



BROWN IRIS



45V BLUE GREY



CARIBBEAN



49V EVERGREEN



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 | 41 Aqua Enhance 42 Blue Enhance 43 Green Enhance 44 Baby Blue 45 Blue Gray | er U2 Pecan |
| Clear Pupil Sizes - 2.8 mm - 3.3 mm - 4.2 mm - 5.0 mm - 6.0 mm | 46 Caribbean 47 Turquoise 48 Lavender | |
| Occluded Pupil Sizes - 3.0 mm - 3.5 mm | 49 Evergreen 50 Pistachio 51 Stormy Gray | |
| - 4.0 mm - 4.5 mm - 5.0 mm - 6.0 mm - 7.0 mm - 9.0 mm | 52 Granite 53 Honey 54 Chestnut | |
| - 9.0 mm - 10.5 mm - 11.0 mm - 12.0 mm | 55 Pecan 56 Dark Cocoa | |





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





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







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























TOPAZ BLUE

PURE HAZEL

SPECTRUM



SUPPLIES



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.

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.













Oté Sensation

All-in-One

Premium Hyaluronate solution for soft contact lenses.

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 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, minimalising 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.















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, nonirritating
- Effective, affordable, easy application process

Clinical/Scientific Benefits

- 10 million times reduction in bacteria(safely & gently kills 99.9999999% 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

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 Eve patients that can be utilized alone or in conjunction with other treatments (heating devices, lid expression, IPL, etc.).

ΜΔΙΝΤΔΙΝ

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 Melbomian glands produce oil to keep eyes healthy

- 1. MGD causes glands to be obstructed 2. Obstructed glands result in excessive bacteria developing on eyelids
 - 3. Bacteria releases toxins
 - 4. These toxins cause eye inflammation

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:

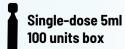
It is a very useful complementary solution for users of all types of contact lenses since it eliminates, for example, possible dust particles, reduces the discomfort derived from adverse environmental conditions, such as environments with air conditioning / heating, dry environments, environments with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

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





One-step peroxide system with colour indicator

MAXIMUM DESINFECTION



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.









360ml



36 tablets







60ml



tablets



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





No deben formarse burbujas, la cubierta se





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





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



Finalización: el líquido se transforma en una solución salina sin

HIGH MOLECULAR FLUORESCEIN STRIPS



Sterile Ophthalmic Strips

FLUORESCEIN 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** $^{\text{TM}}$.

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?





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 smoot with a pleasant lavender aroma providing for constant hydration and a soothing effect.





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.

 \bullet 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 corporating 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.

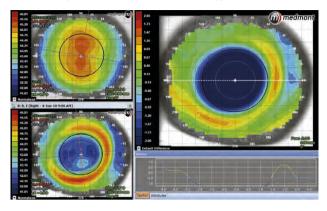
Zernike analysis software is also provided, including analysis of corneal height data and wavefront error. Individual Zernike components can be displayed and analyzed

PRACTICE MANAGEMENT INTEGRATION

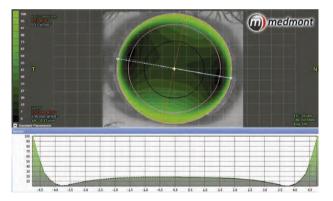
Medmont General Management Systems and Product databases can now be integrated using Medmont Studio. This avoids the need to capture patient information multiple times and dramatically improves practice efficiency.

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

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



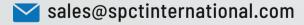
The contact lens fitting package is fully integrated with the rest of the software. It supports the fitting of Multi-Curve, Toric, Custom Designed Lenses and Sclerals. The contact lens database provides standard lens designs.

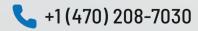


Fully Automatic image capture makes patient testing simple and quick. Simply position the instrument, guided by the intuitive 3D focusing target, and the software does the rest. Each video frame is analyzed for centering, focus, and movement. The best four frames are automatically captured and displayed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



SPECTRUM





• 1345 Seabord Industrial Blvd NW Unit# C-2 Atlanta, GA 30318

