



# Contact Lens Handbook 2024

**Johnson & Johnson**



**Sponsored by:**

Alcon Hong Kong, Ltd  
Bausch & Lomb (HK) Ltd  
Bravo Vision Optical Ltd  
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Woods HK Ltd



# MISSION

To promote quality contact lens and orthokeratology practice and safe and healthy contact lens wear for the public by providing our members with the resources and support

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Members of HKAOK / HKCCLS will strive for excellence in contact lens practice by becoming reflective and ethical practitioners. We will also strive for continuous quality enhancement of our profession and encourage the professional development of all members.

We thank the sponsoring companies for their support and we hope practitioners find this handbook useful!

# CONTENT

## Silicone Hydrogel Contact lenses

Spherical	01-01
Toric	01-04
Progressive	01-07
Cosmetic	01-09
Specialty	01-10



## Soft Contact lenses

### Disposable

Spherical	02-01
Toric	02-04
Progressive	02-06
Cosmetic	02-08
Specialty	02-12

### Conventional

Spherical	02-13
Toric	02-14
Specialty	02-15



## Rigid Contact lenses

Spherical / Aspheric	03-01
Toric	03-03
Progressive	03-04
Specialty	03-06
Orthokeratology	03-09



## Solutions and Eyedrops

Soft Lens Multi-purpose / Disinfecting Solutions	04-01
Soft Lens Hydrogen Peroxide System	04-01
Rigid Lens Disinfecting Solutions	04-02
Enzymatic cleaners	04-02
Salines	04-03
Daily Cleaners	04-03
Eye Drugs	04-04
Eye Gels	04-04
Eyedrops	04-05
Other Related Products	04-09

04-01
04-01
04-02
04-02
04-03
04-03
04-04
04-04
04-05
04-09



## Miscellaneous Products

## Appendices

I. Conversion Table
II. Classification of Rigid Lens Materials
III. Ingredients of Contact Lens Solutions
IV. Color Code
IV. Company Directory

06-01
06-02
06-03
06-03
06-04



## Fitting Guides

# Silicone Hydrogel Contact Lenses

## Disposable Spherical

DAILIES  
**TOTAL 1**<sup>TM</sup> WATER LENS

再見乾澀  
睇驗極致舒適



了解更多



近視/遠視



NEW!

散光



獨有水凝·層遞科技<sup>™</sup>

歐盟認證

有效減少眼乾不適<sup>2\*</sup>

Reference:  
1. Thelkwell S, Gui Y, Kapoor Y, Kurni A, Liang W, Pruitt J. Structure-property relationship of deleficon A lenses. Cont Lens Anterior Eye. 2012; 35(Suppl): e14. 2. Delefilcon A Water Gradient One-Day Contact Lenses (UV HEV) Instructions for Use EU Master Text. \*Internal analysis as well as GFK, IMS, Nielsen, CBO, Euromonitor data and Market Scope. #佩戴隱形眼鏡引起的乾眼不適

# Silicone Hydrogel Contact Lenses

### **Disposable Spherical (Con't)**

# 新一代

# 漸進CON

Effortless Seamless Comfort Health

3-Zone  
Progressive™  
DESIGN

NEAR  
INTERMEDIATE  
FAR

Advanced  
MoistureSeal®  
TECHNOLOGY

+

ComfortFeel  
TECHNOLOGY

博士倫 ULTRA ONE DAY (漸進) 隱形眼鏡



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BAUSCH + LOMB



Live the ULTRA Life.

# Silicone Hydrogel Contact Lenses

## Disposable Spherical (Con't)

**\*Material:** Name/ Dk (10-11Fatt unit at 35°C)/ FDA group/ Water content (%) / Initial modulus (MPa)

**#BVP:** Back Vertex Power (D)/ **BOZR:** Back Optic Zone Radius (mm)/ **LD:** Lens Diameter (mm)/ **CT:** Centre Thickness at -3.00D (mm)

**ANSI:** American National Standards Institute

<sup>+</sup>**MTO**: Made To Order Lenses

# GO BEYOND COMFORT

超乎舒適



2大  
革新技術<sup>1</sup>



3大保濕因子<sup>2</sup>  
鎖水力達96%<sup>3</sup>

5倍  
透氧量<sup>4</sup>

長效  
16小時  
水潤透氣<sup>5</sup>

博士倫ULTRA ONE DAY隱形眼鏡



<sup>1</sup>2大革新技術為Advanced MoistureSeal® Technology及ComfortFeel Technology。<sup>2</sup>三大保濕因子成分为P181, Erythritol及Glycerol. Data on file. Evaluation of Uptake and Retention of Packaging Solution Components by Kalifilcon A Lenses Memo. <sup>3</sup>Data on file. Lens dehydration study after 16 hours of wear. ROC2-19-009. <sup>4</sup>與博士倫1DAY高保濕CON比較 <sup>5</sup>Data on file. Study BL-893, A Study to Evaluate the Product Performance of a New Silicone Hydrogel Contact Lens. 2020. © 2022 Bausch & Lomb Incorporated. Bausch + Lomb ULTRA® is a trademark of Bausch & Lomb Incorporated or its affiliates. HK-VC-2022-07-027

BAUSCH + LOMB



Live the ULTRA Life.

# Silicone Hydrogel Contact Lenses

## Disposable Toric

# Silicone Hydrogel Contact Lenses

## Disposable Toric (Con't)

**\*Material:** Name/ Dk (10-11Fatt unit at 35°C)/ FDA group/ Water content (%) / Initial modulus (MPa)

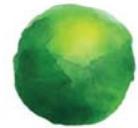
**#BVP:** Back Vertex Power (D)/ **BOZR:** Back Optic Zone Radius (mm)/ **LD:** Lens Diameter (mm)/ **CT:** Centre Thickness at -3.00D (mm)

**ANSI: American National Standards Institute**

**+MTO:** Made To Order Lenses

# Silicone Hydrogel Contact Lenses

## Disposable Toric (Con't)



CooperVision®

## TRUSTED TECHNOLOGY UNSURPASSED PERFORMANCE<sup>1,2</sup>

From CooperVision,  
a world leader in soft toric lenses<sup>\*3</sup>



### Proven toric lens design

Optimized Toric lens Geometry™  
with Aquaform® Technology



With our OptiExpert™ fitting tool  
app, speed up finding the right toric  
contact lens fit for your patients.



\*Combination of 2021 market research based on global volume data and internal estimates

The same optical design of the most recommended FRP toric lens – Biofinity toric<sup>1</sup>, is now available in MyDay® toric. The silicone hydrogel lens brings predictable orientation, stable fit and excellent visual acuity that you and your patients can rely on.

## A RELIABLE AND PREDICTABLE FIT<sup>4</sup>

### Optimized Toric Lens Geometry™



Optimized Toric Lens Geometry™ creates a multifaceted toric lens that's designed to provide predictable, consistent visual acuity, lens stability, fit and comfort as well as better performance and simple fitting.



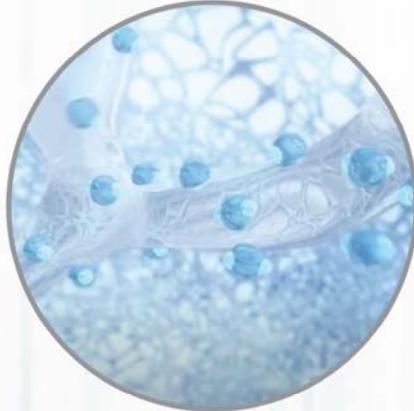
### MyDay® toric

<b>Material/H2O content</b>	stenfilcon A/54%
<b>Replacement schedule</b>	Daily
<b>Oxygen transmissibility</b>	80 Dk/t (at -3.00D)
<b>Base curve</b>	8.6 mm
<b>Diameter</b>	14.5 mm
<b>UV Blocker</b>	Yes

Sphere power	Cylinder	Axis
Plano to -6.00D (0.25D steps)	-0.75, -1.25, -1.75	Full circle in 10° steps
Plano to -6.00D (0.25D steps)	-2.25	10°, 20°, 90°, 160°, 170°, 180°
-6.50D to -10.00D (0.50D steps) +0.50D to +6.00D (0.50D steps)	-0.75, -1.25, -1.75	10°, 20°, 70°, 80°, 90°, 100°, 110°, 160°, 170°, 180°
-6.50D to -10.00D (0.50D steps) +0.25D to +6.00D (0.25D steps)	-0.75, -1.25, -1.75	10°, 20°, 70°, 80°, 90°, 100°, 110°, 160°, 170°, 180°

## UNSURPASSED COMFORT<sup>5</sup>

### Aquaform® Technology



Aquaform® Technology provides natural moisture and breathability.



### Biofinity® toric & XR toric

Sphere power	Cylinder	Axis
+8.00D to -10.00D (0.50D steps after +/-6.00D)	-0.75 -1.25 -1.75 -2.25	10° to 180° (in 10° steps)
+8.50D to +20.00D and -10.50D to -20.00D (0.50D steps)	-0.75 -1.25 -1.75 -2.25	5° to 180° (in 5° steps)
+20.00D to -20.00D (0.50D steps after +/-6.00D)	-2.75 -3.25 -3.75 -4.25	5° to 180° (in 5° steps)

#### Reference:

1. CVI data on file, 2020. Kubic Online Survey of ECPs in US, Germany, Spain, Japan and South Korea. Total weighted sample n=549. Significantly higher than Johnson & Johnson Vision, Alcon and Bausch + Lomb; p<0.05. 2. CVI data on file, 2020. Review of performance from 12 soft toric CL studies that include MyDay® daily disposable toric, Biofinity® toric, Avaira Vitality® toric and clari® 1 day toric; n=242 to 445 depending on specific performance attribute. 3. CVI data on file, 2022. 4. CVI data on file 2020. Performance data on OTLG lenses (MyDay® toric, Biofinity® toric, Avaira VitalityTM toric) from 10 clinical studies; n=836 fits. 5. CVI Sil-Hy toric products are compared individually to at least one of the listed products as follows: MyDay® toric and clari® 1 day toric vs. Dailies AquaComfort Plus Toric and 1-Day Acuvue Moist for Astigmatism; Biofinity toric and Avaira Vitality toric vs. Acuvue Oasys for Astigmatism, Acuvue Vita for Astigmatism, Air Optix for Astigmatism, and Ultra for Astigmatism. [REF: CVI data on file 2020; review performance 10 soft toric CL studies with Optimized Toric Lens GeometryTM and clari® 1 day toric; n=419]

# Silicone Hydrogel Contact Lenses

## **Disposable Progressive**

# Silicone Hydrogel Contact Lenses

## Disposable Progressive (Con't)


**\*Material:** Name/ Dk (10-11Fatt unit at 35°C)/ FDA group/ Water content (%) / Initial modulus (MPa)

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**ANSI:** American National Standards Institute

**\*MTO:** Made To Order Lenses

ACUVUE

# Mastering Multifocals

## Time is precious.

Better meet the needs of your presbyopic patients and help reduce fitting time for **ACUVUE® MULTIFOCAL contact lenses**.



**ACUVUE® MULTIFOCAL PORTFOLIO** with **PUPIL OPTIMISED DESIGN**  
offers a more personalized solution and provides a more precise fit for your patients.\*<sup>1</sup>

**Increase patient and practice success by following the Fit Guide**

Visit the ACUVUE® Multifocal Fitting Calculator for quick & easy  
contact lens fitting & lens selection



1. JJV Data on File 2022. ACUVUE® PUPIL OPTIMISED DESIGN TECHNOLOGY: JJVC Contact Lenses, Design Features, and Associated Benefits

2. JJV Data on File 2022. Stand-Alone Fit Successful Claims for ACUVUE® OASYS MAX 1-Day MULTIFOCAL Contact Lenses

\* Compared to competitor's designs; technology optimized for both the parameters of refractive error and add power

\*\* 4 lenses or not

# Silicone Hydrogel Contact Lenses

## Disposable Cosmetic

**\*Material:** Name/ Dk (10-11Fatt unit at 35°C)/ FDA group/ Water content (%) / Initial modulus (MPa)

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**ANSI: American National Standards Institute**

**+MTO:** Made To Order Lenses

# Silicone Hydrogel Contact Lenses

## Disposable Specialty

# Silicone Hydrogel Contact Lenses

## Disposable Specialty (Con't)

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ANSI: American National Standards Institute

**+MTO:** Made To Order Lenses

## **^Remarks:**

**FDA has approved the following for continuous / extended wear (Continuous / Extended wear should only be attempted after successful daily wear):**

FDA has approved the following for continuous / extended wear (Continuous / Extended wear should only be attempted after successful daily wear):

- FDA has approved the following for continuous/ extended wear (continuous) Extended wear should only be used for therapeutic purposes.

  - Alcon AIR OPTIX® plus HydraGlyde® – up to 6 nights of continuous wear
  - Alcon AIR OPTIX® NIGHT & DAY® AQUA – up to 30 nights of continuous wear
  - Alcon AIR OPTIX® for Astigmatism – up to 6 nights of continuous wear
  - Alcon AIR OPTIX® plus HydraGlyde® MULTIFOCAL – up to 6 nights of continuous wear
  - Bausch + Lomb PureVision®2 – up to 30 nights continuous wear
  - Bausch + Lomb PureVision®2 Toric For Astigmatism – up to 30 days continuous wear
  - Bausch + Lomb PureVision®2 Multi-Focal contact lenses For Presbyopia – up to 30 days continuous wear
  - Bausch + Lomb ULTRA® – up to 7 days continuous wear
  - Bausch + Lomb ULTRA® for Astigmatism – up to 7 days continuous wear
  - Bausch + Lomb ULTRA® for Presbyopia – up to 7 days continuous wear
  - Cooper Vision Biofinity – up to 6 nights/7 days continuous wear
  - Cooper Vision Biofinity Multifocal – up to 6 nights/7 days continuous wear
  - Cooper Vision Biofinity toric – up to 6 nights/7 days continuous wear
  - Cooper Vision Biofinity XR – up to 6 nights/7 days continuous wear
  - Johnson & Johnson ACUVUE® OASYS® 2-Week – 1 week continuous wear
  - Johnson & Johnson ACUVUE® OASYS® 2-Week for Astigmatism – 1 week continuous wear

**FDA has approved the following for therapeutic use:**

  - Alcon AIR OPTIX® NIGHT & DAY® AQUA
  - Bausch + Lomb PureVision®2
  - Johnson and Johnson ACUVUE® OASYS® 2-Week

FDA has approved the following for therapeutic use:

- Alcon AIR OPTIX® NIGHT & DAY® AQUA
  - Bausch + Lomb PureVision®2
  - Johnson and Johnson ACUVUE® OASYS® 2-Week

# 眼科專業人士最信 提供可靠的 ABILITI™ 近視

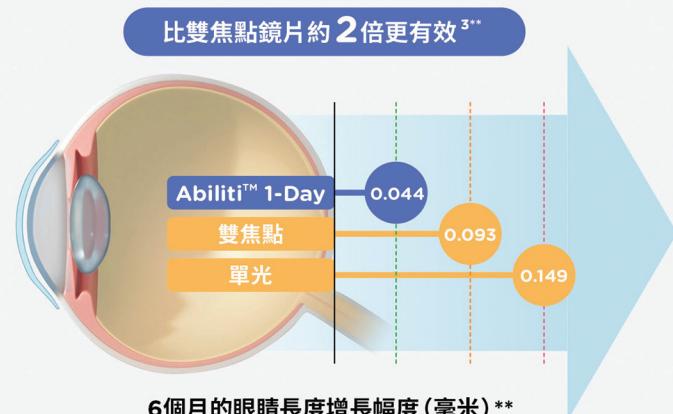
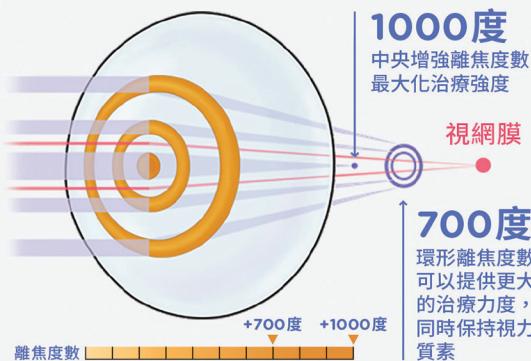
## ACUVUE® ABILITI™ 1-DAY 軟性治療隱形眼鏡

專為兒童眼睛設計，確保帶來最合適的兒童近視  
管理方案。



### 革命性 RINGBOOST™ 近視控制技術

RingBoost™ 技術採用專門的光學設計，達到 700 度和 1000 度的離焦度數治療效果。與市場上其他只能達到 300 度離焦度數的近視管理鏡片相比，屬於最高的離焦度數<sup>2</sup>  
研究顯示在短短 6 個月內便有效減慢兒童近視惡化<sup>3\*\*</sup>



### 兒童眼睛專用設計

專為兒童眼睛研發的鏡片直徑較細，(13.8 毫米) 使配戴更容易<sup>4</sup>  
使用 1 個月後，超過 90% 的兒童表示容易配戴<sup>2^^</sup>



### 健康舒適的配戴

Abiliti™ 1-Day 隱形眼鏡是首款，也是唯一一款用於近視管理的矽水凝膠隱形眼鏡，  
提供高透氧予孩子的眼睛，並有與 ACUVUE® OASYS 1 DAY 一樣無可比擬的舒適度<sup>5</sup>



### 無懼享受戶外活動

Abiliti™ 1-Day 隱形眼鏡具有國際最高級別防紫外線標準，有效保護眼睛，免受紫外線傷害<sup>†</sup>

1. JJV Data on File 2021. Data Substantiation for ACUVUE Claims globally. @ Survey among 1,250 Eye Care Practitioners from the United States, United Kingdom, Russia, Japan, South Korea, China, France, and Germany Soft Therapeutic Lenses for Myopia Management: Comparative Claims vs Single Vision and Dual Focus Lenses. \*Based on axial elongation after 6 months of wear. 4. JJV Data on File 2021. Mechanical design of ACUVUE® Use. (CE Marketed Countries) 7. Chen C, Cheung SW, Cho P. Myopia control using toric orthokeratology (TO-SEE study). Invest Ophthalmol Vis Sci [Internet]. 2013/09/05. 2013;54(10):6510-7. 8. Cho P, Cheung SW. Retinal Myopia control with orthokeratology contact lenses in Spain: Refractive and biometric changes. Invest Ophthalmol Vis Sci 2012;53(8). 10. Data on file 2021: Menicon Design History. 11. Chan KY, Cheung SW, Cho P. Clinical response to rigid and soft hyper-transmissible contact lenses used for continuous wear. Eye Contact Lens [Internet]. 2003/05/30. 2003;29(1 Suppl):S127-30; discussion S143-4, S192-4. 13. Maldonado-Codina C, Morgan P. Adverse events and discontinuations with rigid and soft hyper-Dk contact lenses used for continuous wear. Optom Vis Sci [Internet]. 2005/06/25. 2005;82(6):528-35. 15. Albright RA, Venuti BD, Ichijima H, Nyunt AK, Cava influences the clinical response in overnight orthokeratology. Optom Vis Sci. 2011 Apr;88(4):469-75.

† 警告：具有吸收紫外線功能的隱形眼鏡不能完全替代具有吸收紫外線功能的護目鏡或太陽鏡，因為具有吸收紫外線功能的隱形眼鏡只能覆蓋部分眼球。因此，隱形眼鏡佩戴者仍應按需要繼續配戴具有吸收紫外線功能的太陽鏡產品。注意：長時間暴露於紫外線會增加罹患某些眼部疾病的風險。請諮詢專業眼科專業人士了解更多信息。 ^ Top 3 Box = Extremely easy, very easy, easy \* Helps protect against transmission of harmful UV radiation to the cornea and into the eye \*\* Based on HKP2023110\_003

ACUVUE®  
abiliti™

# 信賴品牌 ACUVUE®<sup>1</sup> 視管理治療方案助你管理孩子近視



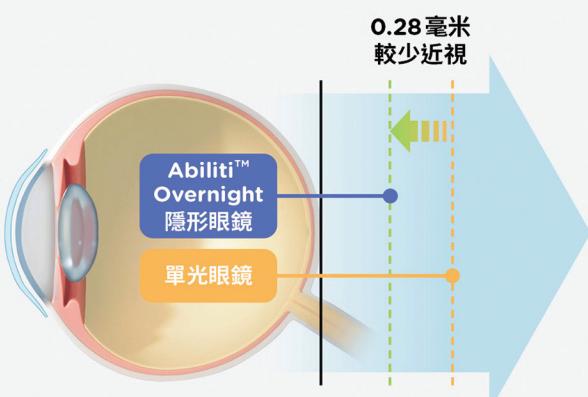
## ACUVUE® ABILITI™ OVERNIGHT 夜間矯視隱形眼鏡

具備 CE 認證的治療方案，研究證明其在近視管理方面有效安全，並有著高首次驗配成功率。<sup>7-9</sup>



### 實證安全有效控制近視

CE 認證的近視控制方案<sup>6</sup>，具有科學實證，可減慢眼球增長 0.28 毫米，以控制近視情況<sup>7-9</sup>



在 2 年內平均減慢近視加深 0.28 毫米\*  
眼球增長減少 0.18 毫米，相當於大約 50 度的近視

僅作說明用途



### 個人化度身訂造

專為適應每位近視兒童獨特的角膜形狀而設計<sup>10</sup>



### 高首次驗配成功率

FitAbiliti™ 提供高達 95% 首次驗配成功率<sup>7,11</sup>



### 高透氣安全物料

採用超透氣的材料製成，安全舒適的配戴  
(透氣度達  $182 \times 10^{-9}$ )<sup>12-16</sup>

conducted from May 2021 to June 2021. **2.** JJV Data on File 2021. Stand-alone Performance claims, ACUVUE® Abiliti 1-Day Soft Therapeutic Lenses for Myopia Management **3.** JJV Data on File, 2023. Efficacy of ACUVUE® Abiliti™ 1-Day Abiliti 1-Day Soft Therapeutic lenses for myopia management - Effect on fit and handling. **5.** JJV Data on File 2021. Development of Optical Design of ACUVUE® Abiliti 1-Day Soft Therapeutic Lenses. **6.** Data on File 2022. Information for the reduction of myopia in Orthokeratology (ROMIO) study: a 2-year randomized clinical trial. Invest Ophthalmol Vis Sci [Internet]. 2012/09/13; 2012;53(11):7077-85. **9.** Santodomingo-Rubido J, Villa-Collar C, Gilmartin B, Gutiérrez-Ortega R. Performance of an orthokeratology lens fitted with the aid of a computer software in Chinese children. Cont Lens Anterior Eye. 2012;35(4):180-184. doi: 10.1016/j.clae.2012.01.004. **12.** Morgan PB, Maldonado-Codina C, Efron N. Comfort Efron N, Efron S. Comparative clinical performance of rigid versus soft hyper Dk contact lenses used for continuous wear. Optom Vis Sci [Internet]. 2005/06/25; 2005;82(6):536-48. **14.** Morgan PB, Efron N, Maldonado-Codina C, Efron S, Efron HD. Postmarket surveillance of Menicon Z rigid gas-permeable contact lenses for up to 30 days continuous wear in the United States. Eye Contact Lens [Internet]. 2010/08/21; 2010;36(5):241-4. **16.** Lum E, Swarbrick HA. Lens Dk/t

\*線輻射是老年性白內障的病因之一，影響程度還與其他因素有關，包括環境因素（海拔、地理位置、雲層遮蓋）和個人因素（戶外活動的類型和程度）。防紫外線的隱形眼鏡能針對有害紫外線輻射提供防護，但目前尚未有臨床研究證實配戴防紫外線隱形眼鏡能減少發生白內障或  
axial elongation after 6 months of wear ## Compared to Single Vision Contact Lens after 6 Months Wear + JJV Data of file, 2021. Material Properties: ACUVUE® Abiliti™ 1-Day Soft Therapeutic Lenses for Myopia Management

# Soft Contact Lenses

# Disposable Spherical

# Soft Contact Lenses

## Disposable Spherical (Con't)



# Soft Contact Lenses

## Disposable Toric

# Soft Contact Lenses

### **Disposable Toric (Con't)**


\*Material: Name/ Dk (10-11Fatt unit at 35°C)/ FDA group/ Water content (%) / Initial modulus (MPa)

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**ANSI: American National Standards Institute**

**+MTO:** Made To Order Lenses

# Soft Contact Lenses

## Disposable Progressive

# Soft Contact Lenses

## Disposable Progressive (Con't)

**\*Material:** Name/ Dk (10-11Fatt unit at 35°C)/ FDA group/ Water content (%) / Initial modulus (MPa)

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ANSI: American National Standards Institute

**+MTO:** Made To Order Lenses

**SEED**<sup>®</sup>

# The First Ever Japan-made Extended Depth-Of-Focus (EDOF) Daily Soft Contact Lens for Presbyopia



More and more presbyopes today wear contact lenses. SEED has been striving to meet their demands for good vision at all visual distances, for every occasion, and in every environment. Working jointly with the Brien Holden Vision Institute, a world-renowned research institution, SEED has sought to develop innovative contact lenses for presbyopia. Designed and developed based on a unique theory, the SEED 1dayPure EDOF provides comfortable contact lens wear, for all age presbyopes.

\*SEED 1dayPure EDOF was approved as a contact lens based on the principle of extended depth-of-focus (EDOF). It is the first EDOF contact lens available in the Japanese market.



Founder of Brien Holden Vision Institute

BHVI is a non-profit translational research, education and public health organization affiliated with the University of New South Wales in Sydney, Australia, developing new solutions for vision care, especially for myopia and other refractive errors. It is leading global professional education and advocacy efforts to address the myopia epidemic. This time, BHVI has developed extended depth of focus (EDOF) technology for the treatment of presbyopia. This technology provides good vision at all distances, while minimizing ghosting and haloes.

# Soft Contact Lenses

## Disposable Cosmetic

# Soft Contact Lenses

### **Disposable Cosmetic (Con't)**



miacare 美若康®

矽水膠領導品牌

# 打造透氣滿分 的星宿眼眸

向世界綻放你的美好

日拋

新品登場！



星宿黑



星宿棕



FreshKon®  
ALLURING EYES  
菲士康 大美目®

瞬間擁有 凝亮大眼  
自然流露 最美目光



魅力灰



心動啡



閃亮黑



注目啡

# Soft Contact Lenses

## **Disposable Cosmetic (Con't)**

# Soft Contact Lenses

## Disposable Cosmetic (Con't)

**\*Material:** Name/ Dk (10-11Fatt unit at 35°C)/ FDA group/ Water content (%) / Initial modulus (MPa)

**#BVP:** Back Vertex Power (D)/ **BOZR:** Back Optic Zone Radius (mm)/ **LD:** Lens Diameter (mm)/ **CT:** Centre Thickness at -3.00D (mm)

ANSI: American National Standards Institute

**+MTO:** Made To Order Lenses

**ONE-DAY Delight®**  
**MAX toric**  
Hydration plus  
CONTACT LENS with HA

全新

散光專用 ( 散光深至175度  
近視最深 -9.00DS )



立即登記試戴



時尚棕  
Brown



請瀏覽官方網站



# Soft Contact Lenses

## Disposable Specialty

**\*Material:** Name/ Dk (10-11Fatt unit at 35°C)/ FDA group/ Water content (%) / Initial modulus (MPa)

**#BVP:** Back Vertex Power (D)/ **BOZR:** Back Optic Zone Radius (mm)/ **LD:** Lens Diameter (mm)/ **CT:** Centre Thickness at -3.00D (mm)

ANSI: American National Standards Institute

**+MTO:** Made To Order Lenses

# Soft Contact Lenses

## Conventional Spherical

**\*Material:** Name/ Dk (10-11Fatt unit at 35°C)/ FDA group/ Water content (%) / Initial modulus (MPa)

**#BVP:** Back Vertex Power (D) / **BOZR:** Back Optic Zone Radius (mm) / **LD:** Lens Diameter (mm) / **CT:** Centre Thickness at -3.00D (mm)

**ANSI: American National Standards Institute**

**+MTO:** Made To Order Lenses

# Soft Contact Lenses

## Conventional Toric

**\*Material:** Name/ Dk (10-11Fatt unit at 35°C)/ FDA group/ Water content (%) / Initial modulus (MPa)

**#BVP:** Back Vertex Power (D) / **BOZR:** Back Optic Zone Radius (mm) / **LD:** Lens Diameter (mm) / **CT:** Centre Thickness at -3.00D (mm)

ANSI: American National Standards Institute

**\*MTO:** Made To Order Lenses

# Soft Contact Lenses

## Conventional Specialty


**\*Material:** Name/ Dk (10-11Fatt unit at 35°C)/ FDA group/ Water content (%) / Initial modulus (MPa)

**#BVP:** Back Vertex Power (D)/ **BOZR:** Back Optic Zone Radius (mm)/ **LD:** Lens Diameter (mm)/ **CT:** Centre Thickness at -3.00D (mm)

**ANSI:** American National Standards Institute

**\*MTO:** Made To Order Lenses

# Rigid Contact Lenses



## Spherical / Aspheric



# Rigid Contact Lenses

### Spherical / Aspheric (Con't)

<sup>a</sup>D<sub>k</sub> (cm<sup>3</sup>O<sub>2</sub> \* cm) / (cm<sup>2</sup> \* sec \* mmHg) (x10<sup>-11</sup> at 35°C): ISO / FATT method / *gas-to-gas method* / **Revised Fatt method** (**bold**)

**\*Color:** Refer to Appendix IV

#**BVP**: Back Vertex Power (D) / **BOZR**: Back Optic Zone Radius (mm) / **LD**: Lens Diameter (mm) / **CT**: Centre Thickness at -3.00D (mm)

### **^Remarks:**

FDA has approved the following for extended wear (should only be attempted after successful daily wear):

- Menicon Z (E&E Optics (HK) – 7-day extended wear

# Rigid Contact Lenses

## Toric


**$\Delta Dk$  ( $\text{cm}^3 \text{O}_2 * \text{cm}$ ) / ( $\text{cm}^2 * \text{sec} * \text{mmHg}$ ) ( $\times 10^{-11}$  at  $35^\circ\text{C}$ ): ISO / FATT method / *gas-to-gas method* / **Revised Fatt method** (bold)**

**\*Color:** Refer to Appendix IV

**#BVP:** Back Vertex Power (D) / **BOZR:** Back Optic Zone Radius (mm) / **LD:** Lens Diameter (mm) / **CT:** Centre Thickness at -3.00D (mm)

# Rigid Contact Lenses



# Progressive



# Rigid Contact Lenses

## Progressive (Con't)

<sup>a</sup>D<sub>k</sub> (cm<sup>3</sup>O<sub>2</sub> \* cm) / (cm<sup>2</sup> \* sec \* mmHg) (x10<sup>-11</sup> at 35°C): ISO / FATT method / *gas-to-gas method* / **Revised Fatt method (bold)**

**\*Color:** Refer to Appendix IV

#**BVP**: Back Vertex Power (D) / **BOZR**: Back Optic Zone Radius (mm) / **LD**: Lens Diameter (mm) / **CT**: Centre Thickness at -3.00D (mm)

# Rigid Contact Lenses

## Specialty

# Rigid Contact Lenses

## Specialty (Con't)

# MAKE A DIFFERENCE IN THE MYOPIA EPIDEMIC

Myopia significantly increases the risk of more serious ocular health issues compared to emmetropes, including:

Myopic Macular Degeneration

**845.1x**

6.00D or more<sup>1</sup>

Retinal Detachment

**12.6x**

6.00D or more<sup>1</sup>

Glaucoma (Open Angle)

**2.9x**

6.00D or more<sup>1</sup>

## REACH FOR EUCLID MAX\*

The latest breakthrough in overnight orthokeratology for proactive myopia management, Euclid MAX delivers outstanding material\* characteristics with proven Euclid designs.



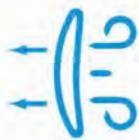
### PROVEN CLASSICAL DESIGN

Optimized durability to resist warpage, scratches, and chips.



### EXCELLENT WETTABILITY

For comfortable lens wear and deposit resistance.



### HYPER DK

180 Dk, the highest of any US overnight Ortho-K brand, is especially important with young healthy eyes in the closed eye environment.



### 95% FIRST-FIT SUCCESS\*\*

Minimizes chair time while maximizing patient satisfaction.

\*Euclid MAX Toric is available for patients with corneal elevation differences.

\*\*Based on internal data.

# Rigid Contact Lenses

### **Specialty (Con't)**

<sup>a</sup>Dk (cm<sup>3</sup>O<sub>2</sub> \* cm) / (cm<sup>2</sup> \* sec \* mmHg) (x10<sup>-11</sup> at 35°C): ISO / FATT method / *gas-to-gas method* / **Revised Fatt method** (**bold**)

**\*Color:** Refer to Appendix IV

#**BVP**: Back Vertex Power (D) / **BOZR**: Back Optic Zone Radius (mm) / **LD**: Lens Diameter (mm) / **CT**: Centre Thickness at -3.00D (mm)

# Rigid Contact Lenses

# Orthokeratology

03-09



# TRUSTED by Professionals

Euclid lenses are among the most widely studied Ortho-K lenses worldwide, having more than twice the myopia research of any other manufacturer.<sup>1</sup>



**2X**

**19K**

19,000 subjects studied up to seven years totaling more than 23,700 patient years.<sup>3</sup>

**23K**



# TRUSTED for Patients

In a peer-reviewed study, Euclid Ortho-K lenses were effective at slowing axial elongation in myopic children.<sup>1</sup>



**70%**

In a three year real-world study 70% of children wearing Euclid lenses showed minimal\* axial elongation in year 3 compared to 50% of children wearing other brand lenses.<sup>2-3</sup>

1. Bullimore MA, Liu M. Efficacy of the Euclid orthokeratology lens in slowing axial elongation. *Contact Lens and Anterior Eye*. 2023;0(0).  
2. Cooper J, Aller T, Smith EL, Chan K, Dillehay SM, O'Connor B. Retrospective Analysis of a Clinical Algorithm for Managing Childhood Myopia Progression. *Optom Vis Sci*. 2023;100(1):117-124.  
3. Data on file.  
\*Minimal is defined as less than or equal to 0.25D or 0.10 mm per year.

[EuclidLenses.com](http://EuclidLenses.com)

1.800.477.9396

[sales@euclidvision.com](mailto:sales@euclidvision.com)

# Rigid Contact Lenses

## Orthokeratology (Con't)



# TRUSTED

Scan and discover why Euclid lenses are trusted everywhere. The QR code below grants you exclusive access to our collection of clinical papers from your favorite key opinion leaders reviewing highlights from more than 25 years of Ortho-K research.



**Pauline Cho, PhD, MEd, FAAO, FBCLA**  
**An Important Player in Myopia Control Using Orthokeratology**

The article emphasizes the valuable role that industries play in advancing clinical research, with a focus on Euclid's contribution to myopia management using orthokeratology. The article explores how the lenses have demonstrated the ability to slow axial elongation and reduce anisometropia in children, offering promising positive outcomes for myopia management and providing binocular vision benefits.



**Michael Lipson, OD, FAAO, FSLS**  
**Euclid Trusted Everywhere in the World**

The article emphasizes Euclid Ortho-K's global success, with more than 2 million lenses produced and a 25-year history of proven efficacy and safety. Since receiving FDA approval in 2004, over 111 studies have featured Euclid lenses on various topics such as myopia management, corneal changes, optics, and patient lifestyle. The comprehensive analysis of research highlights that practitioners can confidently prescribe Euclid Ortho-K for their myopic patients.



**Mark Bullimore, MCOptom, PhD, FAAO**  
**Efficacy of the Euclid Orthokeratology Lens in Slowing Axial Elongation**

This article analyzes the effectiveness of Euclid Ortho-K lenses in slowing axial elongation. The findings showcase a substantial body of evidence from various sources, highlighting Euclid's effectiveness for over two decades and supporting its role in curbing myopia and related eye issues.



**Maria Liu, OD, PhD, MPH, MBA, FAAO**  
**Future directions in Ortho-K for Myopia Management**

The article discusses the future of Ortho-K in myopia management, emphasizing key areas of advancement. It highlights the need for standardization to quantify the "anti-myopia dosage" and examines the influence of pupil size on Ortho-K treatment response. These insights guide the evolution of Ortho-K for improved efficacy and patient experience.

*"Euclid has been researched twice as often as any other lens in myopia studies. The extensive body of literature available on Euclid lenses for myopia management is unparalleled."*

— Mark A. Bullimore, MCOptom, PhD, FAAO



[EuclidLenses.com](http://EuclidLenses.com)

1.800.477.9396

[sales@euclidvision.com](mailto:sales@euclidvision.com)

# Rigid Contact Lenses

## Orthokeratology (Con't)

<sup>a</sup>Dk (cm<sup>3</sup>O<sub>2</sub> \* cm) / (cm<sup>2</sup> \* sec \* mmHg) (x10<sup>-11</sup> at 35°C): ISO / FATT method / *gas-to-gas method* / **Revised Fatt method** (**bold**)

\*Color: Refer to Appendix IV

**BVP:** Back Vertex Power (D) / **BOZR:** Back Optic Zone Radius (mm) / **LD:** Lens Diameter (mm) / **CT:** Centre Thickness at -3.00D (mm)



## Bright Eyes, Brighter Future



### Protect your child's vision with **ESENCIA® Myopia Control Day Soft Contact Lenses**

Designed in Spain with CE certification and manufactured in Singapore, this effective myopia correction and control lens features a patented\* state-of-the-art design. Also available in Toric, ESENCIA® offers impressive myopia management to empower your child to embrace life's moments fully.



EFFECTIVE  
MYOPIA  
CONTROL



IMPROVED  
QUALITY  
OF VISION



INCREASE  
FREEDOM



BOOSTED  
SELF-ESTEEM

**O**CULUS  
EXCLUSIVE MANUFACTURER  
& DISTRIBUTOR

For more info, visit:  
[oculusgp.com](http://oculusgp.com)



\* Patent No.: ESENCIA® (ES2421464) | ESENCIA® Toric (U202132538)



## Solutions and Eyedrops

## Soft Lens Multi-purpose / Disinfecting Solutions


## Soft Lens Hydrogen Peroxide System



# GP Lens Care System

The Solution for Healthier  
and Comfortable Eyes

Excellent  
cleaning  
performance

Lasting  
comfort &  
relief

Effective  
disinfection  
for healthier  
lens wear

Formulated  
specifically for  
all GP lens

**STEP 1**  
**OCUVIQ®  
All-Lenses  
Cleaner**

CLEANS &  
DISINFECTS

**STEP 2**  
**OCUVIQ®  
Conditioning  
Solution**

CONDITIONS,  
DISINFECTS  
& STORES

**OCUVIQ®  
Enzymatic  
Cleaner  
Tablets**

WEEKLY  
DEEP  
CLEANING



**OCUVIQ®  
AQUAWET  
Eye Drops**



## For Gas Permeable (GP) and soft contact lenses, including Silicone Hydrogel lenses

### KEY FEATURES & BENEFITS

- ✓ The effective formula contains two active ingredients, a disinfectant and a surfactant, that work together to eliminate deposits and microorganisms from the lens' surface.
- ✓ These active ingredients prevent protein build-up that causes discomfort and possible eye infections.
- ✓ Especially recommended for use with Orthokeratology contact lenses.

## For Gas Permeable (GP) contact lenses

### KEY FEATURES & BENEFITS

- ✓ Active disinfectant ingredient eliminates microorganisms effectively.
- ✓ Moisturizing formulation conditions your GP lenses to provide a safe and comfortable lens wear experience.
- ✓ For comfortable lens wear and healthy vision

## For Gas Permeable (GP) and soft contact lenses, including Silicone Hydrogel lenses

### KEY FEATURES & BENEFITS

- ✓ Effectively remove protein deposits on the lens surface to maintain lens clarity and vision quality.
- ✓ Deep cleanse once a week to reduce the risk of eye infections and enhance comfort.

### KEY FEATURES & BENEFITS

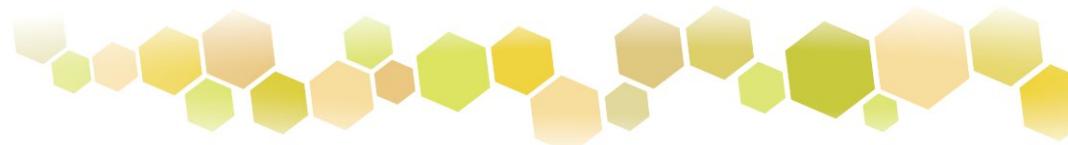
- ✓ A unique formula designed to retain moisture for an extended period, ensuring long-lasting eye comfort.
- ✓ Sodium Carmellose forms a viscous gel on the eye surface; in the form of a transparent film that lubricates, moisturizes, and protects the ocular surface.
- ✓ Retain moisture on the eye surface for an extended period.
- ✓ Provides maximized lens-wearing comfort.
- ✓ Especially recommended for use with Orthokeratology contact lenses.

## Solutions and Eyedrops

## Rigid Lens Disinfecting Solutions

## Enzymatic cleaners

## Solutions and Eyedrops



## Salines

## Daily Cleaners

## Solutions and Eyedrops

# Eye Drugs


## Eye Gels


## Solutions and Eyedrops

## Eyedrops

## Solutions and Eyedrops

## Eyedrops (Con't)

## Solutions and Eyedrops

## Eyedrops (Con't)

## Solutions and Eyedrops

## Eyedrops (Con't)

## Other Related Products

\* For individual ingredient, please refer to Appendix III

<sup>^</sup>Remarks: information of the eyedrops were obtained from the website of the Department of Health ([https://www.drugoffice.gov.hk/eps/do/en/consumer/search\\_drug\\_database.html](https://www.drugoffice.gov.hk/eps/do/en/consumer/search_drug_database.html))

## Miscellaneous Products

# Appendix II

#### **Conversion Table (I) Corneal Curvature (mm) vs Diopter (D)**

$$\text{Diopter (D)} = (0.3375 \times 1000) / \text{Corneal Curvature (mm)}$$

## **Conversion Table (II) Spectacle Rx vs Ocular Rx**

Ocular Rx = Spect Rx / (1-d x Spect Rx)

## Appendix II

## Classification of Rigid Lens Materials

#### **Category I Non-gas permeable material**

*Column 1* of row 1: "column 2 Brand of row 1", "Brand", "column 3" of row 1", "column 4" of row 1", "column 5 Material" of row 1", "Material", "column 6" of row 1", "row 1", "column 7" of row 1", "column 8" of row 1", "column 9" of row 1", "column 10" of row 1", "column 11" of row 1", "column 12" of row 1", "column 13" of row 1", "column 14 HardnessB" of row 1", "HardnessB", "column 15" of row 1", "row 1", "column 16" of row 1", "row 1", "column 17 Specific Gravity" of row 1", "Specific Gravity", "column 18" of row 1", "row 1", "column 19" of row 1", "row 1", "column 20 Wetting AngleC of row 1", "Wetting AngleC", "column 21" of row 1", "row 1", "column 22" of row 2 PMMA": "PMMA", "column 23 Brand of row 2 PMMA": "PMMA", "column 24" of row 2 PMMA": "None", "column 25" of row 2 PMMA": "Poly(Methyl methacrylate)", "column 5 Material" of row 2 PMMA": "PMMA", "Poly(Methyl methacrylate)", "column 6" of row 2 PMMA": "None", "column 7" of row 2 PMMA": "None", "column 8" of row 2 PMMA": "None", "column 9" of row 2 PMMA": "None", "column 10" of row 2 PMMA": "None", "column 11" of row 2 PMMA": "None", "column 12" of row 2 PMMA": "None", "column 13" of row 2 PMMA": "None", "column 14 HardnessB" of row 2 PMMA": "124 / 90", "column 15" of row 2 PMMA": "None", "column 16" of row 2 PMMA": "None", "column 17 Specific Gravity" of row 2 PMMA": "1.18", "column 18" of row 2 PMMA": "1.18", "column 19" of row 2 PMMA": "18", "column 20 Wetting AngleC of row 2 PMMA": "16", "column 21" of row 2 PMMA": "None")

#### **Category II Gas permeable material with silicone but no fluorine components**

### **Category III Gas permeable material (with silicone and fluorine components)**

<sup>a</sup>Dk (cm<sup>3</sup>O<sub>2</sub> \* cm) / (cm<sup>2</sup> \* sec \* mmHg)(x10<sup>-11</sup> at 35°C)

ISO/FATT method – Regular / gas-to-gas method – *Italic* / Revised Fatt method – **BOLD**

### <sup>B</sup>Hardness: Rockwell R / Shore D

<sup>c</sup>Wetting Angle: using captive-bubble technique

## **Appendix III**

## **Ingredients of Contact Lens Solutions**

## **Appendix IV**

## Color Code

# Appendix V

## Company Directory



# Fitting guides

HKAOK & HKCCLS

**1**  
**MULTIFOCAL  
LENSES**



**2**  
Special lenses- Soft



**3**  
Special lenses- Rigid



# ALCON 漸進隱形眼鏡系列同一驗配步驟 成功率高達96%<sup>1,2\*</sup>

## 驗配鏡片



根據顧客最新的眼鏡度數，驗配Alcon漸進隱形眼鏡。

揀選頂距修正的最低負數值 (Maximum Plus) 及球鏡等值 (Spherical Equivalent) 計算的隱形眼鏡度數，再為每隻眼加上+0.25D。

依照列表，因應眼鏡的附加光度 (ADD)，選擇相對的雙眼 (隱珍眼鏡) 附加光度。

附加光度	
眼鏡附加光度	雙眼
最高 +1.25	LO
+1.50 至 +2.00	MED
+2.25D 至 +2.50D	HI

等待 **5-10 分鐘**

評估視力表現前，讓配戴者在驗眼室外的現實環境適應

## 遠距戴鏡驗光



讓顧客觀看日常物品及遠近景物，評估視覺效果。

讓配戴者張開雙眼，利用手持式鏡片，分別為每隻眼，進行遠距雙眼戴鏡驗光。

觀看遠及近物，並進行雙眼戴鏡驗光。如結果需更換度數，請保留原有附加光度，更換試片。

當表現理想，配發試片讓顧客適應一至兩星期。

### 驗配貼士

以雙眼視野評估視覺效果



請勿使用驗光儀進行戴鏡驗光



讓配戴者閱讀手機上的文字

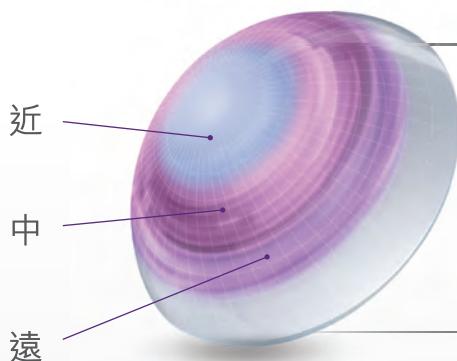


\*With 2 lenses or less per eye, at initial fitting visit.

ALCON漸進隱形眼鏡系列

# 3:2:1 驗配簡單輕鬆

3 類物料：2 種更換模式：1 款光學設計<sup>3</sup>



## 獨特 PRECISION PROFILE® DESIGN<sup>3\*</sup>

配合眼睛自然瞳孔功能，締造流暢的漸進度數，遠中近均擁有全方位清晰視野。

全線 Alcon漸進隱形眼鏡 只需同一驗配方法		DAILIES TOTAL1® MULTIFOCAL	DAILIES® AquaComfort PLUS® ONE-DAY CONTACT LENS	AIR OPTIX® HydraGlyde® MULTIFOCAL
保濕科技		 WATER GRADIENT™ 技術	 SmarTears™ 科技	 BLINK-ACTIVATED MOISTURE 科技
適合人士		追求極致舒適人士 希望減少因配戴隱形眼鏡導致 眼乾的人士 <sup>4,5*</sup> 長時間配戴人士	追求方便及價錢實惠人士 享受每天清新配戴人士	期望由第1天到第30天均配戴 潔淨和舒潤人士 <sup>6*</sup> 喜物超所值的定期更換模式 的人士
球鏡度數		+6.00D 至 -10.00D (以0.25遞增)		
附加光度		LO, MED, HI		
透氧度 (DK/T @-3.00D)		156	26	138
更換模式		每日即棄	每日即棄	每月即棄 (最長可連續配戴6天)

\* In symptomatic patients; vs... habitual lenses.

\*\*Based on a survey of 544 presbyopic contact lens wearers.

**References:** 1. Bauman E, Lemp J, Kern J. Material Effect on Multifocal Contact Lens Fitting of Lenses of the Same Optical Design with the Same Fitting Guide. Poster presented at the British Contact Lens Association (BCLA) Clinical Conference and Exhibition; June 9-11, 2017; Liverpool, UK. 2. Alcon data on file, 2019. [CLM-DTM-GLB-0017] 3. Alcon data on file, 2019. [CLM-DTM-GLB-0010] 4. Alcon data on file, 2019 [CLM-DTM-GLB-0012] 5. Perez-Gomez I, Giles T. European survey of contact lens wearers and eye care professionals on satisfaction with a new water gradient daily disposable contact lens. Clin Optom. 2014;6:17-23. 6. Nash W, Gabriel M, Mowrey-McKee M. A comparison of various silicone hydrogel lenses; lipid and protein deposition as a result of daily wear. Optom Vis Sci. 2010;87:E-abstract 105110. 7. Nash WL, Gabriel MM. Ex vivo analysis of cholesterol deposition for commercially available silicone hydrogel contact lenses using a fluorimetric enzymatic assay. Eye Contact Lens. 2014;40(5):277-282. 8. Eiden SB, Davis R, Bergenske P. Prospective study of lotrafilcon B lenses comparing 2 versus 4 weeks of wear for objective and subjective measures of health, comfort, and vision. Eye Contact Lens. 2013;39(4):290-294.

See instructions for use for wear, care, precautions, warnings, contraindications and adverse effects.

GLB-AHM-1900002 Enquiry Hotline: 3972 7338 HK-DTM-2300006 APP202401

Alcon

# BAUSCH + LOMB MULTIFOCAL 2-STEP FITTING GUIDE

## INITIAL LENS SELECTION

**STEP 1:** Update spectacle refraction and ADD power

**STEP 2:** Select contact lens distance prescription based upon spherical equivalent from spectacle Rx. Adjust for vertex if necessary and follow ADD guidance

## ADD SELECTION

SPECTACLE ADD	BOTH EYES
+0.75D to +1.50D	Low ADD
+1.75D to +2.50D	High ADD

## EVALUATE THE LENS FOR SUCCESS

- Allow trial lenses to equilibrate for at least 10 minutes before assessing fit and vision
- Evaluate distance and near vision binocularly in normal room illumination

If vision at distance and near are satisfactory, dispense lenses and **schedule follow-up exam within 1 to 2 weeks**

Bausch + Lomb ULTRA® ONE DAY Multifocal



真保濕  
博士倫 Biotrue® 1-DAY  
專利 Surface Active Technology™



博士倫 ULTRA®  
with MoistureSeal® technology



# REFINE IF NEEDED

Determine eye dominance | Follow guidance below

## TO REFINE NEAR VISION

	DOMINANT EYE	NON-DOMINANT EYE
TWO LOW ADDS	Initial Lens Low ADD	Low ADD
	Refinement 1 Low ADD	Add +0.25/+0.50D Or change to High ADD
<b>Refinement 2:</b> If vision is still unsatisfactory, make small changes by adding +0.25D at a time to non-dominant eye (wearing High ADD lens) using hand-held lenses, and continue evaluating vision binocularly in normal room illumination. Adjust contact lens power when vision is satisfactory.		
TWO HIGH ADDS	Initial Lens High ADD	High ADD
	Refinement 1 High ADD	Add +0.25/+0.50D
<b>Refinement 2:</b> If vision is still unsatisfactory, make small changes by adding +0.25D at a time to non-dominant eye using hand-held lenses, and continue evaluating vision binocularly in normal room illumination. Adjust contact lens power when vision is satisfactory.		

## TO REFINE DISTANCE VISION

	DOMINANT EYE	NON-DOMINANT EYE
TWO LOW ADDS	Initial Lens Low ADD	Low ADD
	Refinement 1 Add -0.25/-0.50D Or change to Single -vision spherical	Low ADD
<b>Refinement 2:</b> If vision is still unsatisfactory, make small changes by adding -0.25D at a time to dominant eye using hand-held lenses, and continue evaluating vision binocularly in normal room illumination. Adjust contact lens power when vision is satisfactory.		
TWO HIGH ADDS	Initial Lens High ADD	High ADD
	Refinement 1 Add -0.25/-0.50D Or change to Low ADD	High ADD
<b>Refinement 2:</b> If vision is still unsatisfactory, make small changes by adding -0.25D at a time to dominant eye using hand-held lenses, and continue evaluating vision binocularly in normal room illumination. Adjust contact lens power when vision is satisfactory.		

# How to fit PureVision®2 For Presbyopia



## How to fit SofLens® Multifocal



### Select Initial Lenses

- Update spectacle refraction and Add power
- Determine ocular dominance for distance vision
- Select lens distance prescription based upon spherical equivalent from spectacle Rx, adjusted for vertex distance if necessary
- Choose trial lenses based upon the above calculation and select Add power

### Add Selection

SPECTACLE Add	BOTH EYES
+0.75D to +1.50D	Low Add
+1.75D to +2.50D	High Add

### Suggested Patient Criteria:

- Good motivation and realistic expectations
- Refractive astigmatism no greater than -1.00D

### Evaluate Initial Lenses

- Allow trial lenses to equilibrate for at least 10 minutes before assessing fit and vision
- Evaluate distance and near vision binocularly in normal room illumination
- If vision at distance and near are satisfactory, dispense lenses and schedule follow-up exam within 1-2 weeks

## To Refine Near Vision

### If patient is wearing two Low Add lenses:

	DOMINANT EYE	NON-DOMINANT EYE
INITIAL LENS	Low Add	Low Add
REFINEMENT 1	Low Add	PureVision®2 For Presbyopia High Add

Refinement 2: If vision is still unsatisfactory, make small changes by adding +0.25D at a time to non-dominant eye (wearing High Add lens) using handheld lenses, and continue evaluating vision binocularly in normal room illumination. Adjust contact lens power when vision is satisfactory.

### If patient is wearing two High Add lenses:

	DOMINANT EYE	NON-DOMINANT EYE
INITIAL LENS	High Add	High Add
REFINEMENT 1	High Add	Add +0.25D to the non-dominant eye

Refinement 2: If vision is still unsatisfactory, make small changes by adding +0.25D at a time to non-dominant eye using handheld lenses, and continue evaluating vision binocularly in normal room illumination. Adjust contact lens power when vision is satisfactory.

## To Refine Distance Vision

### If patient is wearing two Low Add lenses:

	DOMINANT EYE	NON-DOMINANT EYE
INITIAL LENS	Low Add	Low Add
REFINEMENT 1	Fit PureVision®2 SVS	Low Add

Refinement 2: If vision is still unsatisfactory, make small changes by adding -0.25D at a time to dominant eye (wearing PureVision®2 single vision lens) using handheld lenses, and continue evaluating vision binocularly in normal room illumination. Adjust contact lens power when vision is satisfactory.

### If patient is wearing two High Add lenses:

	DOMINANT EYE	NON-DOMINANT EYE
INITIAL LENS	High Add	High Add
REFINEMENT 1	PureVision®2 For Presbyopia Low Add	High Add

Refinement 2: If vision is still unsatisfactory, make small changes by adding -0.25D at a time to dominant eye (wearing Low Add lens) using handheld lenses, and continue evaluating vision binocularly in normal room illumination. Adjust contact lens power when vision is satisfactory.

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# BAUSCH + LOMB ULTRA® MULTIFOCAL FOR ASTIGMATISM

## 驗配指南

散光+老花 專用

### 簡易驗配步驟

#### 步驟 1:

- 更新眼鏡看遠和老花度數
- 記錄主力眼 (建議採用知覺式主力眼，張開雙眼(配有看遠處方)，利用+1.50D試鏡交替放於每隻眼睛前方)
- 當配戴者報告看遠視力受到較大干擾時，鏡片位於眼前便是主力眼

#### 步驟 2:

- 選擇試片散光度，需換算後頂距

#### 步驟 3:

- 依據下表選擇試片老花度數

選擇驗配試片	
眼鏡老花度數(D)	雙眼
+0.75至+1.50	LOW ADD
+1.75至+2.50	HIGH ADD

### 全對焦光學設計<sup>1</sup>

3-Zone Progressive™ Design

卓越自然視覺體驗<sup>3,4</sup>  
驗配漸進一擊即中



### 光學定位垂重設計<sup>2</sup>

OpticAlign™ Design

配合自然眨眼模式  
散光軸度定位快速精準<sup>3,4</sup>

球面度數	+4.00D 至 -6.00D 每級0.25D(包括平光)
散光度數	-0.75D,-1.25D,-1.75D -2.25D,-2.75D
散光軸度	10°至180° (每10°一級) 10°, 20°, 70°, 80°, 90°, 100°, 110°, 160°, 170°, 180°
ADD	LOW:+0.75D 至 +1.50D HIGH:+1.75D 至 +2.50D

### 驗配評估

- 等待15分鐘，讓鏡片穩定後再進行驗配和視力的評估
- 確認位於6點鐘方向的散光指示線是否旋轉
- 在正常室內光源下，保持雙眼打開，評估遠用、近用視力，不需單眼比較
- 若遠用、近用視力已達滿意，安排1-2週內覆診跟進

### 成功秘訣

正向地為顧客提供  
實際的期望管理

依照本產品建議的  
驗配準則進行驗配

使用最新的驗光  
度數來挑選試戴片

請勿使用目前配戴的  
多焦隱形眼鏡度數進行驗配

### 微調建議

#### 加強“近”距離視力



正向地為顧客提供  
實際的期望管理

#### 加強“遠”距離視力



	主力眼	非主力眼
目前配戴鏡片	LOW ADD	LOW ADD
調整步驟1	LOW ADD	HIGH ADD

調整步驟2：若近用視力依然不滿意，在非主力眼逐漸外插+0.25D的鏡片進行戴鏡驗光。調整時仍保持雙眼同時張開，不需單眼比較。

	主力眼	非主力眼
目前配戴鏡片	HIGH ADD	HIGH ADD
調整步驟1	HIGH ADD	ADD+0.25D TO THE NON-DOMINANT EYE

調整步驟2：若遠用視力依然不滿意，在主力眼逐漸外插-0.25D的鏡片進行戴鏡驗光。調整時仍保持雙眼同時張開，不需單眼比較。

#### References:

3. Review of optometry; The Presbyopic Astigmatism, Capturing Patient Opportunity. 2019 (P.11-12). 4. Bausch + Lomb ULTRA Multifocal for Astigmatism stabilization study (Study 17-005). 11. Reindel, W., et al, 2015. Ergonomic Utility of Progressive Multifocal Contact Lenses: A Comparison of Power Profiles Across Near, Intermediate and Distance Zones. AAO Poster Presentation.

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Made in USA

**BAUSCH + LOMB**  
See better. Live better.

# Biofinity® toric multifocal lens fitting guide

Biofinity® toric multifocal lenses combine the proven fitting characteristics and technologies of the Biofinity® toric and Biofinity® multifocal lenses.



## Initial Visit

### DETERMINE CONTACT LENS PRESCRIPTION

#### STEP 1 | Spectacle refraction

Start with an up-to-date spectacle refraction, including add power. Determine ocular dominance.

#### STEP 2 | Use the OptiExpert™ App to establish trial contact lens order (skip to step 5)

OptiExpert™ will correct for back vertex distance and convert the full spectacle prescription into recommended trial contact lens prescription.

OR

#### STEP 2 | Toric contact lens power and axis

Determine the sphere and cylinder powers and axis, rounding to the nearest 5°, and corrected for vertex distance.

#### STEP 3 | Toric contact lens trial fit (optional)

Use Biofinity® toric fit set to confirm the toric trial contact lens parameters. Adjust axis based on rotation, rounding to the nearest 5°.

#### STEP 4 | Add power

Use this table to determine D or N contact lens design, based on the spectacle add power:

Spectacle Add	Add	Dominant Eye	Non-dominant Eye
+0.75, +1.00, +1.25	+1.00	D	D
+1.50, +1.75	+1.50	D	D
+2.00, +2.25	+2.00	D	N
+2.50 or above	+2.50	D	N

#### Step 5 | Order trial contact lenses based on prior steps

Examples:

Spectacle Rx - OS Dominant  
OD +2.00/-1.50 x 020 Add +2.00  
OS +3.00/-1.50x165 Add +2.00

Recommended Trial Contact Lens Power  
OD +2.00/-1.25 x 020 Add 2.00 N  
OS +3.00/-1.25 x 165 Add 2.00 D

93%

success rate  
on initial fitting

Use of the CooperVision OptiExpert™ App is recommended to help facilitate the fitting steps in this guide.  
Download OptiExpert™ from the App Store or Google Play



## Ordered Trial Contact Lens Fit Assessment

Although contact lenses will settle quickly, allow patients to adapt to contact lenses for a minimum of 15 minutes before assessing vision.

#### STEP 1 | Assess toric orientation and general contact lens fit.

**STEP 2 | Assess vision binocularly.** If patient is 20/30 or better at distance, the patient should return one week later. If binocular vision is unacceptable, perform an over-refraction using loose hand-held trial lenses. Do not use a phoropter.

To improve distance vision, add +/- 0.25D to the eye that results in the greatest improvement in vision (most likely dominant eye). Adjust contact lens distance sphere power.

To improve near vision, add +/- 0.25D to the eye that results in the greatest improvement in vision (most likely non-dominant eye). Adjust contact lens distance sphere power without changing the add power.

#### STEP 3 | If necessary, order patient's new contact lens power.

## PRODUCT SPECIFICATIONS

Material	comfilcon A	Sphere Powers (D)	-10.00 to -6.50; 0.50 steps -6.00 to +6.00; 0.25 steps +6.50 to +10.00; 0.50 steps
Water Content	48%	Cylinder Powers (D)	-0.75 to -5.75; 0.50 steps
Dk/t	116 (at -3.00D)	Axis	5°-180°, 5° steps
Base Curve	8.7mm	Add Powers (D)	+1.00, +1.50, +2.00, +2.50
Diameter	14.5mm	Lens Design	D Lens, N Lens
Wearing & Replacement Schedule	Daily wear or extended wear		

The eye care professional retains the independent clinical judgment on how to fit and prescribe contact lenses. For additional support, contact the CooperVision Multifocal Fitting Consultants or visit [coopervision.com](http://coopervision.com).

## Clinical tips

- Download OptiExpert™ from the App Store or Google Play
- Always fit off an up-to-date spectacle prescription.
- Prescribe maximum plus power for distance vision; do not over minus.
- Choose the lowest add power when possible; do not overprescribe the add power.
- Use this Biofinity® toric multifocal fitting guide only for this lens.
- Check patient's vision binocularly with room lights on.
  - Assess near vision with their handheld device or other reading material.
  - Assess distance vision in surrounding environment under normal lighting conditions.

## OPTIONAL

Tips for follow-up visit one week after trial contact lens fit assessment:

If patient requires further enhancement to distance or near visual acuity.

**Step 1 |** Evaluate binocular visual acuity.

**Step 2 |** Perform over-refraction using hand-held trial lenses (avoid using a phoropter).

FIRST OPTION: To improve either distance or near vision, modify vision by +/- 0.25D in the eye that needs improvement.

SECOND OPTION (if needed): To improve near vision add +0.50D to the ADD power of the eye that needs improvement.



CooperVision®  
Live Brightly®

# Biofinity® multifocal lens fitting guidelines

## A simplified fitting philosophy

Our fitting process is based on eye care professionals' real-world experiences.

Fitting lower ADD powers is now simpler than ever, by using the same D lens design for both eyes

Fitting higher ADD powers continues to be flexible, giving you more options for exceptional vision performance



### Initial visit

**Step 1** Start with a new refraction and verification of eye dominance (fogging technique)

**Step 2** Select the distance prescription based on spherical equivalent corrected for the vertex distance  
Choose D or N lens design based on needed ADD power:

ADD	Dominant eye	Non-Dominant eye
+1.00	D	D
+1.50	D	D
+2.00	D	N
+2.50	D	N

**Step 3** Allow patients to adapt to lenses for 15 minutes before assessing vision  
To improve **distance** vision add -0.25 D to the dominant eye  
To improve **near** vision add +0.25 D to non-dominant eye

Clinical tips	Prescribe maximum plus power for distance vision  Choose the lower ADD power when possible; not necessary to overprescribe the ADD power	Test patient's near functional vision with their cell phone  Check visual acuity with room lights on
---------------	--	--

## A unique multifocal lens for unique eyes



### Balanced Progressive™ Technology

- Optimized for exceptional vision at all distances: near, intermediate, and far
- Allows for personalized fitting for each wearer and each eye
- CooperVision Biofinity® multifocal lenses' streamlined fitting process helps ensure success for presbyopic patients

### Follow-up visit one week later

If patient requires further enhancement to distance or near visual acuity:

**Step 1** Evaluate binocular visual acuity

**Step 2** Check monocular visual acuity

**Step 3** Perform over refraction using hand-held trial lenses (do not use phoropter)  
To enhance either distance or near vision, modify distance vision by +/- 0.25 D in the eye that needs improvement

The eye care professional retains the independent clinical judgment on how to fit and prescribe lenses

### Product specifications

#### Biofinity® multifocal lens

Sphere power	+6.00D to -6.00D (0.25D steps) -6.00D to -10.00D (0.50D steps)
ADD power	+1.00, +1.50, +2.00, +2.50
Lens design	D lens, N lens
Base curve	8.6 mm
Diameter	14.0 mm

Use of the CooperVision OptiExpert™ App is recommended to help facilitate the fitting steps in this guide.

Download OptiExpert™ from the App Store or Google Play



CooperVision®  
Live Brightly.®

# MyDay® daily disposable multifocal fitting guide

## Featuring CooperVision® Binocular Progressive System™

High-performing MyDay® daily disposable multifocal by CooperVision® was designed with simplicity of fit in mind. Leveraging this fitting guide, MyDay® multifocal is proven to have a simple yet highly effective fitting process that will enable you to efficiently and successfully deliver the right contact lenses and optimal visual performance to your presbyopic patients.<sup>1</sup>



## Initial Lens Selection

**Step 1** Using up-to-date spectacle prescription, determine spherical equivalent distance power (corrected for vertex distance).

**Step 2** Determine distance eye dominance with +1.00D blur method; if inconclusive, determine dominance with sighting method.

**Step 3** Select distance sphere power for each eye with add powers as indicated below.

INITIAL CONTACT LENS SELECTION		
Spectacle Rx Add	Dominant Eye	Non-Dominant Eye
+0.75D to +1.25D	<b>LOW</b>	<b>LOW</b>
+1.50D to +1.75D	<b>LOW</b>	<b>MED</b>
+2.00D to +2.50D	<b>LOW</b>	<b>HIGH</b>

## Vision Assessment

- Allow patient to experience lenses for 10 to 15 minutes in "real world" (outside exam room) before assessing vision.
- Check patient's vision with both of their eyes open and ROOM LIGHTS ON.
- Assess vision at different viewing distances.
  - For **distance vision**, assess in surrounding environment under normal lighting conditions.
  - For **near vision**, assess using handheld device or other reading material.
- If acceptable, dispense trial lenses.
- If not acceptable, follow the lens optimization steps described to the right.

## Lens Optimization



Have patient keep both eyes open and use handheld lenses or a flipper; do not use a phoropter.

### DISTANCE VISION ENHANCEMENT



For Dominant Eye

Adjustment Steps

±0.25D

### NEAR VISION ENHANCEMENT



For Non-Dominant Eye

Adjustment Steps

±0.25D

DO NOT CHANGE ADD POWER.



Download OptiExpert™ from the App Store or Google Play

## Product Specifications

### MyDay® daily disposable multifocal

Base Curve	8.4 mm
Diameter	14.2 mm
Power Range	+8.00D to -10.00D (0.25D steps) -10.50D to -12.00D (0.50D steps)
Add Power	Low (+0.75D to +1.25D spectacle Rx add) Med (+1.50D to +1.75D spectacle Rx add) High (+2.00D to +2.50D spectacle Rx add)
Material	stenSilcon A
Dk/t (at -3.00D)	100 x 10 <sup>-9</sup>
Water Content	54%
Visible Tint	Yes
FDA Class	Group SiHy
UV Blocking*	86% UVA/97% UVB

\*Warning: UV-absorbing contact lenses are not substitutes for protective UV-absorbing eyewear, such as UV-absorbing goggles or sunglasses, because they do not completely cover the eye and surrounding area. Patients should continue to use UV-absorbing eyewear as directed.

<sup>1</sup>CVI data on file, 2020. Prospective, double-masked, bilateral, one-week dispensing study with MyDay® daily disposable multifocal; n=104 habitual multifocal contact lens wearers; CVI data on file, 2021. Prospective, subject-masked, randomized, bilateral, two-week dispensing study at 5 US sites with MyDay® daily disposable multifocal; n=58 habitual multifocal contact lens wearers.

## Clinical Tips



- When determining spectacle Rx add, consider patient's main lifestyle vision needs (handheld device or other reading material, desktop computer, etc.).
- Prescribe maximum plus power for binocular distance vision; do not over minus.
- Use loose handheld lenses or flipper for over-refractions. Do not use a phoropter.
  - If distance vision needs to be enhanced, offer ±0.25D to the dominant eye. If distance vision improves, check that near vision is maintained. Adjust the lens sphere power as applicable for the dominant eye. DO NOT CHANGE ADD POWER.
  - If near vision needs to be enhanced, offer ±0.25D to the non-dominant eye. If near vision improves, check that distance vision is maintained. Adjust the lens sphere power as applicable for the non-dominant eye. DO NOT CHANGE ADD POWER.



ACUVUE®

# YOUR QUICK AND EASY GUIDE TO FIT SUCCESS

DESIGNED FOR SUPERIOR VISUAL PERFORMANCE<sup>1</sup>

## INITIAL LENS SELECTION

### 1 Determine the Best Vision Sphere (BVS)

In the trial frame, confirm the **least minus** spherical prescription that provides the best distance VA<sup>†</sup>. Perform duochrome test monocularly to confirm the **least minus** prescription.



### 2 Determine the sensory dominant eye

The +1.50D blur test recommended rather than sighting methods.

### 3 Determine the multifocal ADD based upon the patient's needs

With the BVS in the trial frame, now determine the **lowest ADD** required to achieve near visual needs.

### 4 Select lens based on fitting calculator or the following tables

Multifocal Fitting  
Calculator

Multifocal ADD	Initial Lens Selection		Enhance Distance		Enhance Near	
	Dominant Eye	Non-Dominant Eye	Dominant Eye	Non-Dominant Eye	Dominant Eye	Non-Dominant Eye
+0.75 to +1.25	LOW	LOW	Use a spherical ACUVUE® lens		LOW	LOW
+1.50 to +1.75	MID	MID	LOW	MID	MID	MID
+2.00 to +2.50	MID	HIGH	MID	MID	MID	HIGH

## AFTERCARE APPOINTMENT

If a previously successful ACUVUE® Multifocal wearer returns for an aftercare appointment reporting changes to distance or near vision:

- X Do not over-refract their current lenses
- X Do not use the 'Enhance distance / near' table
- X Do not adjust the ADD
- ✓ Remove lenses and repeat 'Initial lens selection' steps 1-4

ACUVUE®  
**MULTIFOCAL**  
WITH PUPIL OPTIMISED DESIGN

<sup>†</sup> Proceed if astigmatism is less than or equal to 0.75DC.

<sup>‡</sup> Apply vertex distance correction if greater than +/- 4.00D.

1. J&J Data on File 2022. ACUVUE® PUPIL OPTIMISED DESIGN TECHNOLOGY: JJVC Contact Lenses, Design Features, and Associated Benefits.

ENHANCED  
COMFORT  
NO FITTING REQUIRED



## The Science of Natural Vision Meets the Science of NaturalVue®

Unlike single vision or traditional multifocal lenses, the Neurofocus Optics® design creates an extended depth of focus to deliver a wider range of clear vision. For myopic and presbyopic patients, NaturalVue® (etafilcon A) Enhanced Multifocal 1 Day™ contact lenses offer an extended depth of focus to deliver a wider range of clear vision.

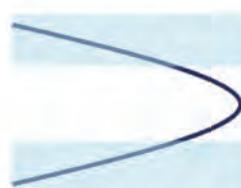
### The Neurofocus Optics® Difference

Delivering a wider range of clear vision along the visual axis\*

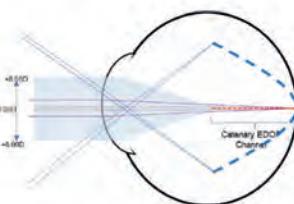
+6.00D to +8.00D  
of smooth, rapid and  
uninterrupted **PLUS  
POWER PROGRESSION**  
moving outward from  
the distance center



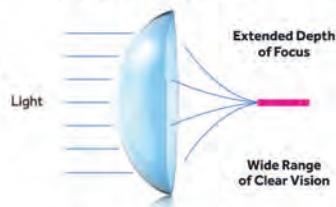
**HIGH PLUS  
POWER** is  
suppressed by  
the visual cortex  
to focus vision



**EDOF CHANNEL  
(PINHOLE EFFECT)  
AND DEFOCUS ZONES**  
are created by the high  
amount of rapid, continuous  
plus power progression



**WIDER RANGE OF CLEAR  
VISION** along the visual axis



For **PRESBYOPES**, the lens enables  
excellent vision at every distance<sup>2</sup>

For **MYOPES**, the lens provides  
excellent vision while it corrects  
vision and is proven effective in  
**REDUCING MYOPIA  
PROGRESSION<sup>4,5,6,7</sup>**

The high amount of plus power is delivered in a smooth, rapid manner to create an extended depth of focus. The design is easily adapted by the brain without sacrificing vision quality.<sup>4,5,6,7</sup>

### NaturalVue® Enhanced Multifocal Lens Specifications

Full Power Range: +4.00D to -12.25 in 0.25D steps (full range)	ADD: Extended Depth of Focus Optics; ADD power requirements more than 3.00D
Design: Extended Depth-of-Focus (Centre Distance)	Material: etafilcon A (58% Water)
Base Curve: 8.3	Diameter: 14.5
Visibility Tint: Light blue	Modality: Single-use daily wear
Pack Sizes: 30 pcs per box	Replacement Schedule: Daily Disposable

**UV Protection:** Class 2 UV Blocker. The UV Blocking averages 98% in the UVB range of 280nm to 315nm and 84% in the UVA range of 316nm to 380nm.\*\*

For product enquiries or fitting support, please contact Soe Wong, Professional Service Manager, Oculus Optical (Hong Kong), at [soe.wong@oculuslens.com](mailto:soe.wong@oculuslens.com) or **(852) 98426161**.

For Customer Service or to Request a Representative, call **1-844-884-5367, ext. 116** or email [customerservice@vtivision.com](mailto:customerservice@vtivision.com)  
For Technical Consultation, call **1-844-884-5367, ext. 102** or email [technicalconsultation@vtivision.com](mailto:technicalconsultation@vtivision.com)



Scan for more information



www.hk-delight.com



## CASE EXAMPLES



CASE 1

Age: 55 (Addition: +2.00)

R-3.00 DS / L-2.50 DS

1 Day Delight A focal Prescriptions (if Right side is dominant Eye)

R: -3.00 DS

L: -2.50 + (Add+2.00/2) = -1.50 DS

**Final is**

R:-3.00 DS

L:-1.50 DS (if patient need more reading working,  
it can be added +0.25 to -1.25DS)



CASE 2

Age: 40

R-4.00 DS

L:-4.00 DS

1 Day Delight A focal Prescriptions (if Left side is dominant Eye)

R: -4.00 + (Add+1.00/2) = -3.50 DS

L: -4.00 DS



**WOODS HK LTD**

Unit 1609A, 16/F, Wharf Cable TV Tower,  
9 Hoi Shing Road, Tsuen Wan, N.T., H.K.

2499 6005 2499 6004

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Hotline:  
**2499 6005**

# Fitting guides

HKAOK & HKCCLS

Multifocal lenses



SPECIAL LENSES  
- SOFT



Special lenses- Rigid



# SEED Iris Soft Contact Lens Color Chart

< Before ordering, please kindly refer as following >

Color Shape	Brown (A)	Brown (B)	Brown (C)	Black(D)	Power included + lens ±0.00D included	- lens
No.1					ok	only (D) no
No.2					ok	no
No.3					+lens <b>Iris diameter</b> 9.5mm~12.5mm(0.5mm increment)/ More than 2.0mm transparent edge necessary (1mm each side) <b>Pupil diameter</b> Transparent circle in the center:2.0mm~5.5mm (0.5mm increment)	-lens <b>Iris diameter</b> 9.5mm~12.5mm(0.5mm increment)/ More than 2.0mm transparent edge necessary (1mm each side) <b>Pupil diameter</b> Transparent circle in the center: (2.5mm~4.5mm(0.5mm increment)) <b>-lens(±0.00 included)</b> <b>Iris diameter</b> 9.5mm~12.5mm(0.5mm increment)/ More than 2.0mm transparent edge necessary (1mm each side) <b>Pupil diameter</b> Transparent circle in the center: (1.5mm~6.5mm(0.5mm increment))
No.4					ok	only (D) no
No.5					ok	no

## ■ Manufacturing Range

BC	8.00 mm, 8.30 mm, 8.60 mm, 8.90 mm, 9.20mm
Power Range	± 0.00D~±10.00D (0.25D increment) ±10.50D~±25.00D (0.50D increment)
Diameter	12.00mm~15.00mm(different by bas curve,0.5mm increments), BC : at 8.00mm,12.0mm~13.5mm/at 8.30mm,12.0mm~14.0mm/ at 8.60mm,12.0mm~14.5mm/ at 8.90mm,12.0mm~15.0mm/ at 9.20mm, 12.0mm~15.0mm
Iris Diameter	Please refer to the color chart as diameter is different by type
Pupil Diameter	Please refer to the color chart as diameter is different by type
Color in Iris part	Brown 3 type(A,B,C),Black 1 type(D)

**SEED**

9 8 0 7 / 0 8 0 5  
No.9342(08A05)A

# MiSight® 1 day—the first soft contact lens proven to slow the progression of myopia in children<sup>1\*</sup> As easy to fit as a single-vision soft contact lens



## Optimize the spectacle prescription

- With the most up-to-date refraction<sup>†</sup> in the trial frame, confirm optimal prescription using the binocular balancing technique

### Recommended binocular balancing technique:

Use a +0.75D or +1.00D lens to fog one eye while assessing the other.  
Aim for maximum plus.

## Select and evaluate MiSight® 1 day

- Select initial MiSight® 1 day lens from best vision sphere<sup>‡</sup>; adjust for vertex distance when greater than -4.00D
- Allow lenses to settle for five minutes and confirm optimal MiSight® 1 day prescription using the binocular balancing technique
- Record vision
- Assess fit

Increase minus in 0.25D steps *only* if it significantly improves distance vision.

Reduce minus in 0.25D steps, provided there is no decrease in acuity and no subjective visual impact.

## Recommendations and follow-up

- Schedule a follow-up visit for one week
- Assess handling technique
- Confirm adaptation to vision

**Recommended minimum wearing time:** 6+ days per week, 10+ hours per day

**Top tip:** Ghosting and halos are common at first and demonstrate a normal visual sensation of this therapy.

Material	omafilcon A
Water content	60%
Base curve (mm)	8.7
Diameter (mm)	14.2
Sphere power	-0.25D to -6.00D (0.25D steps) -6.50D to -10.00D (0.50D steps)
Optical design	ActivControl® Technology
Dk/t (at -3.00D)	28
Pack size	30
Replacement schedule	Daily disposable



7-year  
clinical study

Approved by  
U.S. FDA<sup>§</sup>

Zero serious  
adverse events<sup>2,3▲</sup>

\* Compared with a standard single-vision, one-day contact lens over a three-year period

† A cycloplegic refraction can be a helpful baseline reference before an initial fitting of MiSight® 1 day

‡ For optimum results, ensure that the vertex-corrected cylinder is ≤0.75D

§ U.S. Indications for Use: MiSight® 1 day (omafilcon A) soft (hydrophilic) contact lenses for daily wear are indicated for the correction of myopic ametropia and for slowing the progression of myopia in children with non-diseased eyes, who at the initiation of treatment are 8-12 years of age and have a refraction of -0.75 to -4.00 diopters (spherical equivalent) with ≤0.75 diopters of astigmatism. The lens is to be discarded after each removal.

▲ MiSight® 1 day lenses were worn for a total of 469 patient-wearing years in clinical study, with zero serious adverse events related to contact lens wear.

Reference:

1. Chamberlain P et al A 3-year Randomized Clinical Trial of MiSight Lenses for Myopia Control. Optom Vis Sci 2019;96:556-567. 2. Woods J et al. Ocular health of children wearing daily disposable contact lenses over a 6-year period. CLAE 2021 Aug;44(4):101391. 3. CVI data on file, 2022

# Abiliti™ 1-Day FITTING GUIDE



Abiliti™ 1-Day lenses are fit like a spherical soft lens

1. Start with a new subjective refraction
  - Push maximum plus for clear distance vision
  - Patients should have  $\leq 1.00\text{DC}$  astigmatism
2. Calculate the spherical equivalent based on the distance Rx
  - Compensate for vertex distance if worse than - 4.00D
3. Select the trial Abiliti® 1-Day lens
4. Allow the lens to settle on the eye for 10 minutes
5. After the lens has settled in the eye
  - Optimize vision by performing a subjective distance over-refraction for each eye
  - Push maximum plus for distance and visual comfort
  - Incorporate over-refraction into the contact lens power if needed
  - Recheck distance and near VA is optimal with the trial lens
  - Assess the fit of the contact lens under slit-lamp
6. Finalize the prescription
7. Follow-up at least every 6 months as suggested in the International Myopia Institute myopia management guidelines<sup>1</sup>

Monitor best corrected VA at every visit and in cases of vision change, make sure to determine the cause and address it



1. Gifford KL, Richdale K, Kang P, et al. IMI - Clinical Management Guidelines Report. Invest Ophthalmol Vis Sci. 2019;60(3): M184-M203. doi:10.1167/iovs.18-25977

2. JJV Data on File 2023. Stand-Alone Performance Claims - ACUVUE® Abiliti™ 1-Day Soft Therapeutic Lenses for Myopia Management.

\* Measured using LogMAR visual acuity where 0.00 LogMAR is equivalent to 20/20 vision

<sup>^2</sup> Children who were able to be fit first time required no power modification at the initial lens fitting.

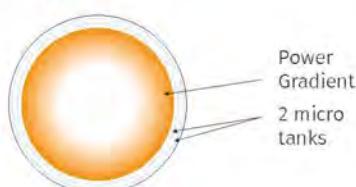
# AMYOPIC RANGE FOR DAYTIME WEAR

The solution when night-time wear is not suitable

## A UNIQUE ADJUSTABLE POWER GRADIENT CONCEPT

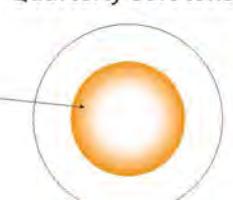
### PRE AMYOPIC

RGP lens



### AMYOPIC Silicone

Quarterly soft lens



HYPEROPIC retinal peripheral defocusing :

- In classical rigid lenses
- In classical soft lenses
- In glasses

MYOPIC retinal peripheral defocusing with AMYOPIC Range <sup>(1)(2)</sup>

- Power gradient re-evaluated according to the age of the wearer to guarantee the best compromise between myopia control and visual comfort

### PRE AMYOPIC

### PRE AMYOPIC toric

Material	First intention Boston XO2 with UV filter (DK 141) or Optimum 125 with UV filter (DK 125) / other on request	
Handling tint	RE Violet / LE Blue	
Geometry	Bi-aspheric with 2 micro reservoirs	
$r_0$	7.20 to 8.60 per 0.05	
Excentricities	Periphery can be changed in steps of 0.10	
$\phi_T$	9.00 to 11.10 per 0.30	
Spheres	Plan to -20.00	
Cylinders	TI: -1.50 to -8.00 per 0.25 TE: -0.75 to -4.00 per 0.25	
Fitting	$\phi_T = 10.20$ Toricity < 30/100 $r_0 = K$ $\phi Z_0$ constant: no change in $r_0$ if change in $\phi_T$	Toricity $\geq 30/100$ TI calculated by the laboratory

- Hyper DK for a safe wear
- Changeable periphery



### AMYOPIC Silicone

### AMYOPIC Silicone toric

Material	Definitive SiHy 74%	
Geometry	Anterior profile Aspherical profile Bi curve	Aspherical anterior profile (and DNS) Toric back profile Engraving : 0° and 180°
$r_0$	7.50 to 9.60 per 0.30 mm	
$\phi_T$	13.80 / 14.30 / 14.80	
Spheres	-0.25 to -15.00 per 0.25D	
Cylinders	-0.75 to -6.00 per 0.25D	
Axis	0 to 180° per 5°	
Fitting	$r_0 = Km + 0.70$ $\phi_T = HVID + 3.00$ mm $F'v =$ Glasses refraction taking into account the vertex distance	
Optimisation	- Acuity: add -0.25 D in trial glasses and/or reduce the power gradient - Centring: increase the $\phi_T$ and/or tighten the $r_0$	

- Comfort Edge Plus (CEP) and Nano Design
- Dynamic Nanotechnology Stabilization (DNS) for immediate stabilization regardless of cylinder value



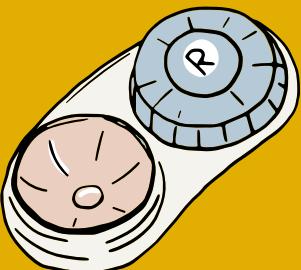
# Fitting guides

HKAOK & HKCCLS

Multifocal lenses



Special lenses- Soft



**SPECIAL LENSES  
- RIGID**

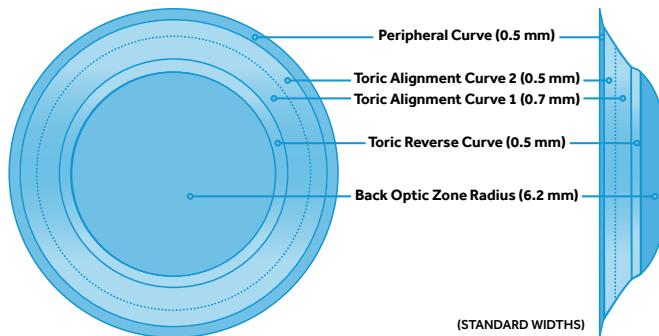


# EUCLID EMERALD TORIC™ FITTING GUIDE\*

## Indications and Lens Design

Euclid Emerald Toric is based upon the same patient indications as the Euclid Emerald™ design.

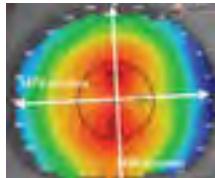
The multi-curve Euclid Emerald Toric design combines proprietary asymmetric technology to improve fit.



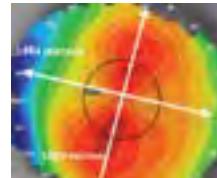
## Specific Uses of the Euclid Emerald Toric Design

### 1. Corneal Elevation Differences Between Principal Meridians > 30 Microns

20 micron difference  
= Euclid Sphere



45 micron difference  
= Euclid Toric



There are multiple methods to acquire corneal elevation differences with topography:

- Measure the sagittal height along the two principal meridians
  - Subtract to determine the elevation difference (*above*)
- Measure the principal meridian elevation at a 4mm chord from center, nasally and temporally and divide by 2
  - Do the same at a 4mm chord superiorly and inferiorly
  - Subtract the two measurements to determine the elevation difference
- Measure the principal meridian elevation at 4mm chord temporally and inferiorly
  - Subtract for the elevation difference
  - *This works well for those eyes where the upper lid is positioned too low over the superior cornea to measure elevation superiorly*
- Use topographer software that calculates the elevation difference automatically

### Standard Lens Selection

**Fitting Tips:** Always select the least amount of toricity correction to avoid a tight fitting lens.

15 microns elevation difference ≈ 0.50D toricity

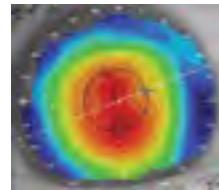
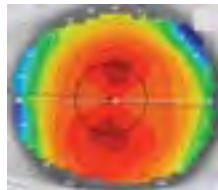
- 30-45 micron elevation difference, choose 1.00D Emerald Toric
- 45-60 micron elevation difference, choose 1.50D Emerald Toric
- 60-75 micron elevation difference, choose 2.00D Emerald Toric

Lenses may not perform as well on eyes with more than 80 microns of elevation difference.  
For additional toricity options, contact the Euclid consultation team.

# EUCLID EMERALD TORIC FITTING GUIDE

## 2. Limbus to Limbus Astigmatism

- Corneal astigmatism across an area  $\geq 8\text{mm}$  as identified by topography. i.e., limbus to limbus



### Limbus to Limbus Astigmatism

Limbus to limbus astigmatism extends beyond 8mm, where the Euclid Emerald Toric will fit the principal cornea meridians more uniformly

### Apical Astigmatism

Apical (central) astigmatism in a small area, no larger than 4-6mm, where the astigmatism is smaller than the optic zone of the Euclid Emerald

*Note: Each square of the grid on a topography map is 1mm, providing easy measurement of the astigmatism size and location*

## 3. Eyes $\leq 1.50\text{D}$ of Corneal Astigmatism

- Where decentration occurs with Euclid Emerald and is not correctable with usual changes to Reverse Curve, Alignment Curves and Overall Diameter



**Lateral Decentered  
Euclid Emerald**



**Well Centered  
Euclid Emerald Toric**

Our world-class consultation team is with you all the way.  
 You can email to us if you want order or send the map of Topo, for discussing your case.email address: [dragonsokl@biznetvigator.com](mailto:dragonsokl@biznetvigator.com)/or Whatsapp:60131524.

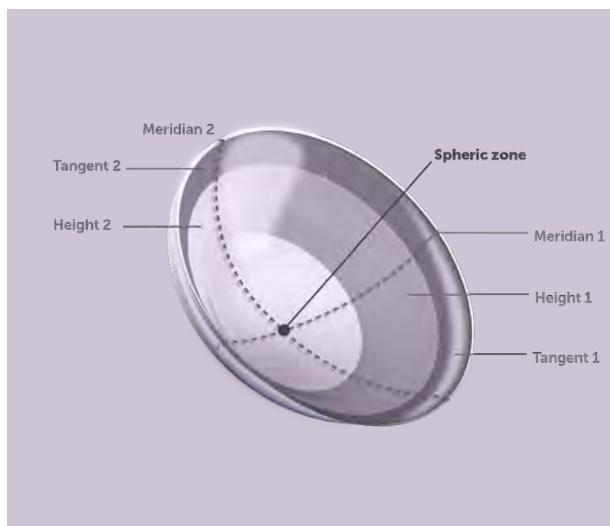
FDA Approved  
(PMA #P040029)



# Design

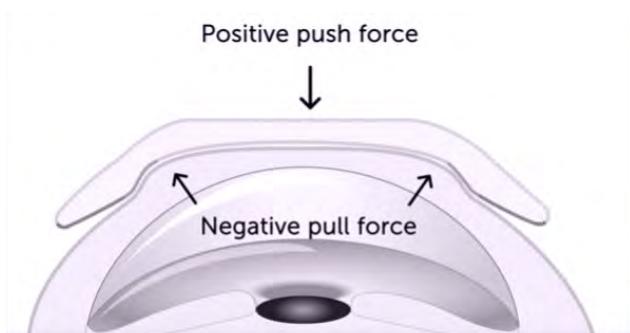


**Menicon Z Night** has a reverse geometry lens design. The lens has a spherical optic zone in the center and a tangential zone in the periphery. These two zones are connected by a reverse curve.



**Menicon Z Night Toric** is suitable for eyes with a higher amount of corneal cylinder (especially peripheral cylinder). This peri-toric design results in two tangents and two heights. The correction zone remains spherical, just like the standard Menicon Z Night design.

**Easyfit Desktop calculates which design is most suitable for the eye.**



The reverse geometry of the lens creates hydrodynamic forces so that the tear film gives positive surface pressure in the center and negative surface pressure towards the periphery of the treatment zone. This results in reshaping of the corneal tissue, mainly the corneal epithelium.

# Troubleshooting

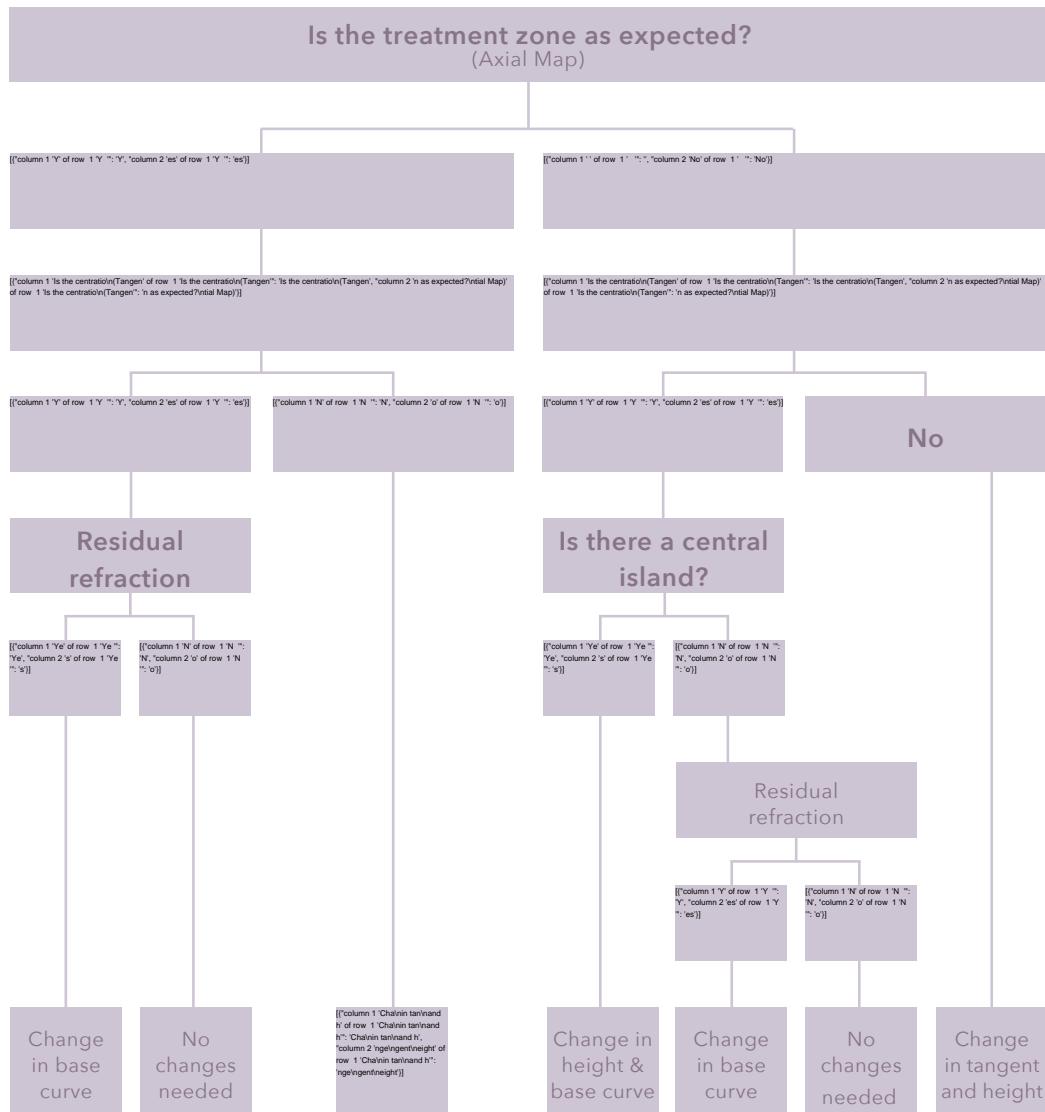
Easyfit Desktop will present these two difference maps and will help you interpret them by asking you specific questions. Depending on the answers, the suggested change in parameters will be different.

- **Is the treatment zone as expected?**

This question is related to whether the central flattening is smooth and even.

- **Is the centration zone as expected?**

This question is related to whether the treatment pattern is centered on the eye.





**See Beyond Limits**  
**YOUR JOURNEY TO**  
**CRYSTAL CLEAR VISION**

## **OCUVIQ® GP Specialty Lens (Irregular Cornea)**

Designed to fit irregular shaped cornea for patients with Keratoconus condition, abnormal cornea curvature, post surgical, post lasik, dry eyes and other eye diseases, these Specialty GP Lenses for irregular cornea comes in various sizes.

**OCUVIQ® GP\***



8.00 - 10.00 mm



**OCUVIQ® KC**



8.00 - 10.50 mm



**OCUVIQ®  
Semi Scleral (SS)**



12.00 - 13.50 mm



**OCUVIQ®  
Full Scleral (FS)**



14.50 - 16.00 mm



Oculus's products are manufactured in strict compliance with the quality assurance system ISO 13485 requirements.

For more info, visit:  
[oculusgp.com](http://oculusgp.com)



\* Standard GP Lens size for reference



Custom-made to fit  
the unique shape of  
the cornea



+ Providing excellent vision  
correction & comfort for  
the patients

With contact lenses on,  
see the world clearly,  
live your life boldly.



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