



Give Children the Clearest Path Forward to Reach Success

Studies show **NaturalVue® (etafilcon A) Enhanced Multifocal 1 Day™** contact lenses can reduce myopia progression. NaturalVue lenses help children flourish by not only providing excellent vision for everyday tasks¹, but also reducing one of the risk factors for excessive ocular growth that contributes to myopic progression.^{2,3,4}

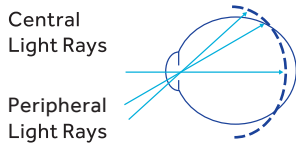


An Evidence-Based Solution to Correct Vision¹ and Protect^{2,3,4} Against Myopic Progression

Compilation of three independent retrospective studies and VTI's PROTECT RCT.†

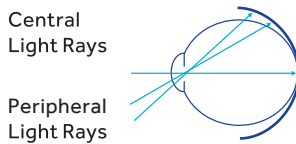
A by-product of myopia correction may be peripheral hyperopic defocus.⁵

Traditional spherical minus power contact lenses correct at the centre of the retina. However, peripheral light rays may fall behind the retina. This may stimulate a growth signal and lead to the continued lengthening of the eye.



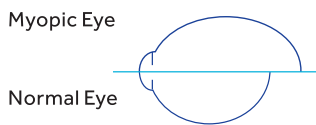
Uncorrected Myopia

Central light rays fall short of retina.
Peripheral light rays fall beyond retina.



Traditional Correction

Traditional single vision lenses do correct myopia by moving central light rays to the retina, but do not address peripheral images that fall beyond the retina.



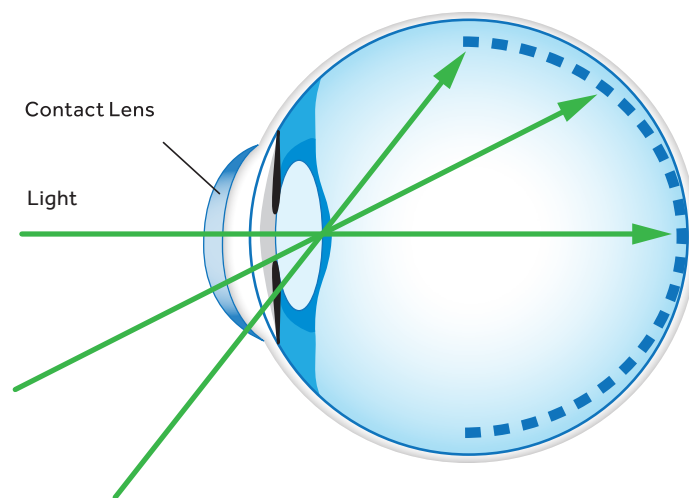
Unwanted Eye Growth

Peripheral light rays beyond the retina may establish a growth signal and lead to the lengthening of the eye. The result of ongoing correction with single vision lenses may be continued eye growth.

NaturalVue's Neurofocus Optics[®] Technology may help address peripheral hyperopic defocus⁵

Data suggests that the optimal correction should bring the image inside the retina.⁵

With Neurofocus Optics[®], NaturalVue[®] Multifocal contact lenses focus peripheral light rays in front of the retina to remove peripheral hyperopic defocus.^{2,3,4}

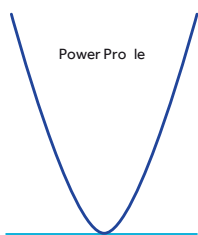


Optimal Correction

How Neurofocus Optics® technology works for myopia progression control

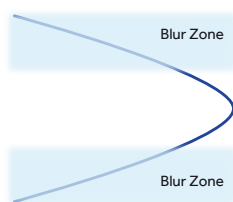
NEUROFOCUS OPTICS® TECHNOLOGY

LENS DESIGN



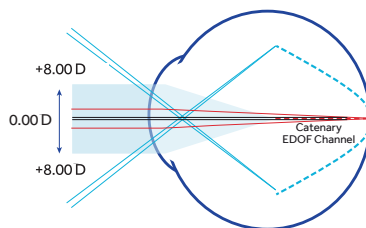
+6.00 D to +8.00 D of smooth, rapid and uninterrupted **plus power progression** moving outward from the distance centre.

PERIPHERAL BLUR



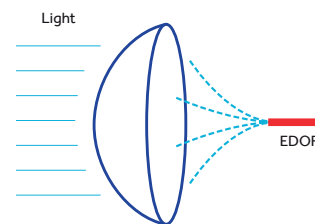
Peripheral blur induced by **high plus power** is used so can be suppressed by the visual cortex. The design is easily adapted by the brain without sacrificing vision.

PINHOLE EFFECT



EDOOF channel (pinhole effect) and defocus zones are created by the high amount of rapid, continuous plus power progression.

CLEAR VISION



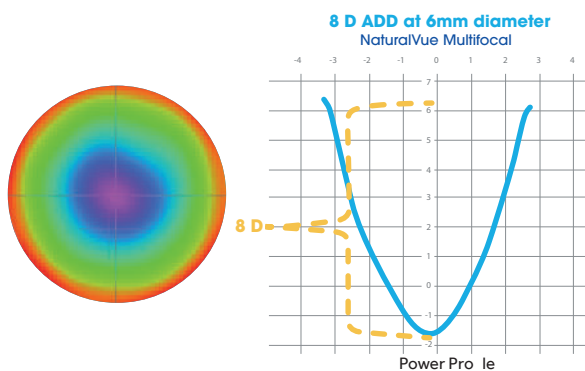
Wider range of clear vision along the visual axis.

BENEFITS

NaturalVue® Multifocal with Neurofocus Optics® not only provides excellent vision for everyday tasks, but also eliminates one of the risk factors for excessive ocular growth, peripheral hyperopic defocus. The lens provides excellent vision and is proven effective in **reducing myopia progression**. With comprehensive power ranges from +4.00 D to -12.25 D, many of your myopic patients can be corrected.

Leading SCL Designs Used for Myopia Management

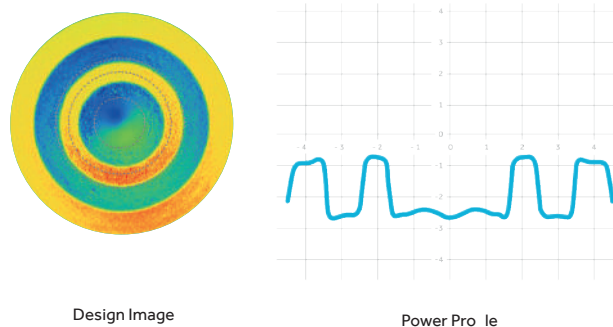
VTI: Extended Depth of Focus Design



The first and only centre-distance, extended depth of focus design with a rapid, smooth and uninterrupted rise in relative peripheral plus power of +6.00 D to +8.00 D across the entire therapeutic area.

Mechanism for Myopia: **Peripheral Defocus**

CooperVision: Dual-Focus Design



Concentric ring design offering alternating power treatment zones, with distance in the central zone (+2.00 D ADD).

Mechanism for Myopia: **Simultaneous Defocus**

Sources and Acknowledgements:

Data and descriptions: Dual focus - Chamberlain PB, Peixoto-de-Matos SC, Logan NS, et al. A 3-year Randomized Clinical Trial of MiSight Lenses for Myopia Control. *Optom Vis Sci.* 2019 Aug;96(8):556-567 doi: 10.1097/OPX.0000000000001410; EDOF VTI - Cooper J, O'Connor B, Aller T, et al. Reduction of Myopic Progression Using a Multifocal Soft Contact Lens: A Retrospective Cohort Study. *Clin Ophthalmol.* 2022 Jul 4;16:2145-2155. doi: 10.2147/OPTH.S370041. PMID: 35814919; PMCID: PMC9270009.

Images: Power profile and power map for Dual Focus, generated by measuring lenses on a Phase-shifting Schlieren Wavefront Sensor (Lambda X NIMO TR1505); power profile and power map for EDOF VTI, Center-Distance designs measured on a Shack-Hartmann Wavefront Sensor, Contact Lens Analysis Refractometer (CLAIRe), by WaveFront Dynamics.



NaturalVue Multifocal enhances vision in the short-term while managing myopia long-term.

Get better visual outcomes needed for school, sports and driving:

- Visual acuity equal to spectacles¹
- Depth perception is preserved^{1,6}
- Spectacle-level contrast sensitivity⁷
- Indicated for correcting astigmatism up to 2.00 DC

NaturalVue® Enhanced Multifocal Lens Specifications

Full Power Range: +4.00 D to -12.25 in 0.25 D steps (full range)	ADD: Extended Depth of Focus Optics; one universal ADD encompassing ADD power requirements up to +3.00 D
Design: Extended Depth-of-Focus (Centre Distance); pupil independent	Material: etafilcon A (58% Water)
Base Curve: 8.3	Diameter: 14.5
Visibility Tint: Light blue	Modality: Single-use daily wear
Pack Sizes: 90-pack Revenue, 30-pack Revenue, 10-pack Trial	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.**	

*Statistically significant

** UV absorbing contact lenses aren't substitutes for protective UV absorbing eyewear—for example, protective UV absorbing goggles or sunglasses—because they don't completely cover the eye and surrounding area. Patients should continue to use UV absorbing eyewear as directed. Note: Long term exposure to UV radiation is a part of risk factors associated with cataracts. Exposure is according to a number of factors, for instance environmental conditions (altitude, geography, cloud cover) and personal factors (extent and nature of outdoor activities). UV absorbing contact lenses help provide protection against harmful UV radiation. However, clinical studies have not been done to demonstrate that wearing UV absorbing contact lenses reduces the risk of developing cataracts or other eye disorders.

†Dr. Ashley Tuan presentation at GSLS, January 2024 "Why comparing RCT data with real-world studies is important to your patients"

NaturalVue® (etafilcon A) Multifocal 1 Day Disposable Soft Contact Lenses are indicated for daily wear for the correction of refractive ametropia (myopia and hyperopia), and/or presbyopia, and myopia progression control in normal eyes and for astigmatism up to 2 D.

Reference summary for diagram includes: Cooper J, O'Connor B, Aller T, et al. Reduction of myopic progression using a multifocal soft contact lens: A retrospective cohort study. Clin Ophthalmol. 2022 Jul;16:2145-2155. doi: 10.2147/OPTH.S370041. PMID: 35814919; PMCID: PMC9270009. Chima AS, Formankiewicz MA, Waugh SJ. Investigation of interocular blur suppression using luminance-modulated and contrast-modulated noise stimuli. J Vis. 2015 Mar 26;15(3):22. doi: 10.1167/15.3.22. PMID: 25814548. Maiello G, Walker L, Bex PJ, Vera-Diaz FA. Blur perception throughout the visual field in myopia and emmetropia. J Vis. 2017 May 1;17(5):3. doi: 10.1167/17.5.3. PMID: 28476060; PMCID: PMC5425112.

References: 1. VTI data on file, 2015. N=59. Data assessed after one week of wear. 2. Dillehay S, Woods J, Situ P, Payor R, Griffin R, Tyson M, Jones L. Comparison of Three Power Levels of a Novel Soft Contact Lens Optical Design to Reduce Suspected Risk Factors for the Progression of Juvenile Onset Myopia. ARVO Poster, 3637; Poster #A0086. 3. Payor R, Woods J, Fonn D, Situ P, Dillehay S, Griffin R, Tyson M, Jones L. Feasibility Testing of a Novel SCL Optical Design to Reduce Suspected Risk Factors for the Progression of Juvenile Onset Myopia. Invest Ophthalmol Vis Sci 2014;55: E-abstract 3638. 4. Miller J, Long B, Dillehay S. Children's Evaluation of a Unique Myopia Progression Control Lens Design. Optom Vis Sci 2013;88: E-abstract 115896. 5. Peripheral Hyperopia explanation summarized from: Gifford P, & Gifford KL. (2016). The Future of Myopia Control Contact Lenses. Optometry and Vision Science, 93(4)336-343. Smith EL, Kee C, Ramamirtham R, Qiao-Grider Y, & Hung L. (2005). Peripheral Vision Can Influence Eye Growth and Refractive Development in Infant Monkeys. Investigative Ophthalmology & Visual Science. 46(11): 3965. Cooper J, Schulman E, Jamal N. (2012). Current Status on the Development and Treatment of Myopia. Optometry. 83(5):179-199. 6. VTI data on file, 2021. N=53. Data assessed after one week of wear. 7. VTI Data on File 2011. n=12.

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