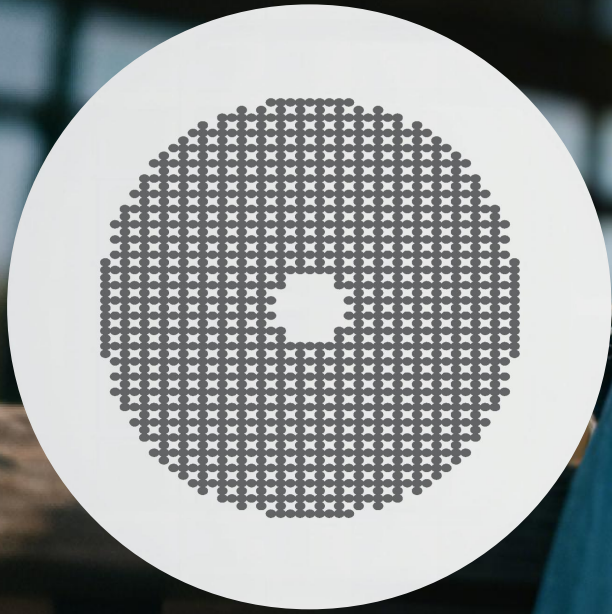




WTR Lens

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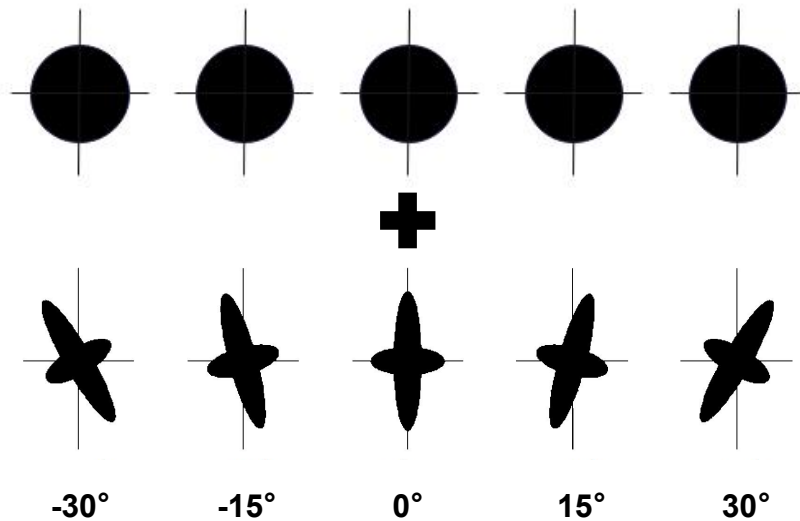
Product Advantages

- Multiple signal stimulation technology: Simultaneously introducing two types of stimulation signals, myopic defocus and astigmatism, to form a dual mechanism coexistence and inhibit axial growth.
- Dynamic aberration modulation technique: Combining the patient's age and defocus tolerance to match more scientific visual signal stimuli.
- Grid array: The special layout of the lenses allows for a larger area of stimulation signals, providing modulation signals of stimulation micro waves near the macular fovea, while ensuring stability and balance of stimulation signals in all directions.

Most Suitable Wearers

- Children and adolescents with progressive myopia
- Children and adolescents with insufficient reserve of farsightedness

Fundamental Hypothesis



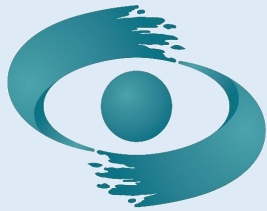
By using mesh filling technology to superimpose and introduce regular astigmatism signals on the basis of myopia defocus, it avoids the visual deprivation of astigmatism at the center of the macula, and is more in line with the actual defocus condition around the retina than traditional simple myopia defocus.

Dynamic Aberration Modulation Technology

Through literature and data research, analyze the relationship between age, degree of myopia, and defocus tolerance in children and adolescents with myopia, in order to match the corresponding defocus tolerance based on the first two patient data and obtain lenses that better match the patient's eye data.

Clinical Trials Provide Scientific Support

Cooperative Medical Care:
Wenzhou Medical University
Affiliated Eye and Vision Hospital.



6-month clinical data results:

Compared with DIMS lens, WTR lens delay the axial growth of the eye by 0.08mm and the equivalent spherical power growth by 0.15D; the relative effective control rate of the axial growth is 38.46%, and the effective control rate of the equivalent spherical power is 46.6%.

When the wearing time of glasses is greater than or equal to 12 months, compared with DIMS lens, WTR lens delays the eye axis by only 0.06mm and delays the equivalent spherical diopter by only 0.12D; the relative effective control rate of eye axis and equivalent spherical diopter reaches 53.85%.

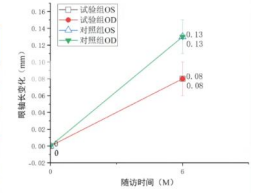
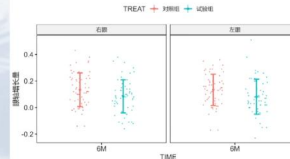
Moreover, when compared with a single vision in a clinical trial conducted in China in 2024, the relative effective control rate of the eye axis reached 65.2%, and the effective control rate of equivalent spherical power reached 64.3%.

研究结果——“昭晰”顺规散光刺激技术镜片6个月眼轴增长0.08mm

主要结局：眼轴长度进展

$p < 0.05$ 为差异具有统计学意义

	治疗组	对照组	有效率提升	P value
等效球镜 进展(D)				
右眼 戴镜6个月	0.08±0.13mm	0.13±0.13mm	38.46%	0.035
左眼 戴镜6个月	0.08±0.13mm	0.13±0.12mm	38.46%	0.027



戴镜 6 个月后 眼轴增长减缓
相对有效性提升38.46%

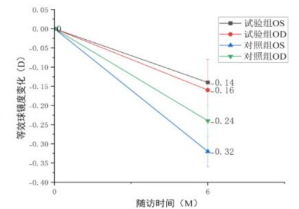
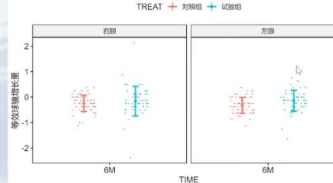
温州医科大学附属眼视光医院
Eye Hospitals Group,
Wenzhou Medical University

研究结果——“昭晰”顺规散光刺激技术镜片6个月等效球镜平均 (SER) 增长-0.15D

次要结局——等效屈光度数

$p < 0.05$ 为差异具有统计学意义

	试验组	对照组	有效性提升	P value
屈光度数(mm)				
右眼 戴镜6个月	0.16±0.58	0.24±0.32	33.33%	0.318
左眼 戴镜6个月	0.14±0.41	0.32±0.31	56.25%	0.008



戴镜 6 个月后等效球镜度数增长减缓
相对有效性提升46.6%

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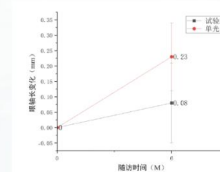
相较于国内临床研究单光镜片眼轴及等效球镜增长量*

“昭晰”顺规散光刺激技术镜片6个月眼轴 (AL) 减缓率达65.2%

试验组：顺规散光刺激技术镜片

眼轴 (AL) 减缓率：65.2%

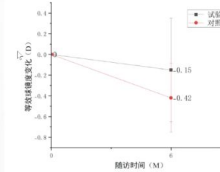
试验组AL: 0.08 / SV: 0.23



试验组：顺规散光刺激技术镜片

等效球镜 (SER) 减缓率：64.3%

试验组SER: 0.15 / SV: 0.42



*Source: Jiang, Jun, et al. "Novel Lenslet-Array-Integrated Spectacle Lenses for Myopia Control: A 1-Year Randomized, Double-Masked, Controlled Trial." *Ophthalmology* 131.12 (2024): 1389-1397. <https://doi.org/10.1016/j.ophtha.2024.07.002>

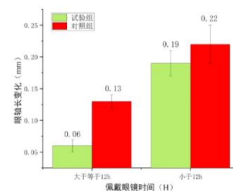
第一阶段 (6个月) 的有效性 与戴镜时长的相关性

试验组配戴“昭晰”顺规散光刺激技术镜片一组的近视进展与配戴时长存在较强的相关性。

试验组：顺规散光刺激技术镜片

配戴大于等于12小时，AL增长0.06mm

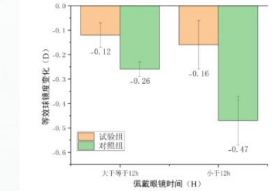
试验组平均AL 6个月增长0.08mm



试验组：顺规散光刺激技术镜片

配戴大于等于12小时，SER增长-0.12D

试验组平均SER 6个月增长-0.15D



Eye Hospitals Group,
Wenzhou Medical University

Patents Provide Technical Protection



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Stimulus intensity evaluation---DPME

DPME is used to evaluate the performance of lenslet lens based on defocus amount, filling rate, diameter, surface shape, and optical zone diameter of the lens.

product	DIMS	HAL	CAREA	CAREB	WTR
DPME	8.124	11.140	4.553	7.604	15.294

Production Information

refractive index	1.59 (PC)	Lens diameter: • SE less than -8.00D, 70mm • SE is -8.25D~-9.50D, 65mm • SE is -9.75D~-11.00D, 60mm
DS	-11.00D~+2.00D	
DC	-4.00D~0.00D	
SE	-11.00D	
coating	green film, super water film, anti blue light film	