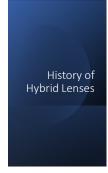


The Past



2



- Hybrid lenses
 - Rigid gas permeable optic zone
 - Hydrogel peripheral zone
 - Have been available for 40 years
 - Their use in keratoconus was first described by Little in 1971.

Overcoming Limitations

Quarter Lambda Technologies, Inc. of SanMarcos, CA commenced a focused research and development program September 2001 to create an improved hybrid contact lens.

October 2003- company received IRB approval to begin with four of the SynergEyes products.



4



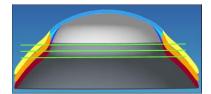
5

Spherical Design

- Naturally occurring ametropia
 - Moderate to high myopes, hyperopes and astigmats who desire the pristine vision of an RGP with the all day comfort and stability of a soft lens OR
 - Any patient who has never achieved good vision with soft/soft toric lenses or who cannot tolerate the comfort of RGPs

A Reverse Geometry Hybrid Contact Lens Design!

• SynergEyes®PS



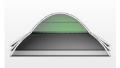
7

SynergEyes® KC

Prolate ellipsoid base curve

Spherical Skirt begins at 9.0 mm diameter





3 skirt curve options for fitting flexibility

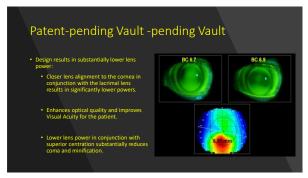
8



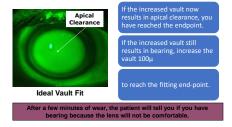
The <u>vault</u> value describes the overall relative depth of the lens on the

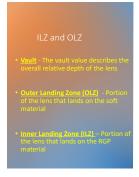
The goal is to determine the appropriate vault that provides complete apical clearance.

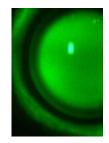
Design gives the ability to "vault" over the vast majority of ectasias without bearing



Step 1: Determine Vault







Ideal Skirt Curve Fit



13

THE FUTURE



14

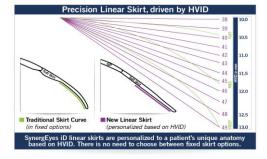


SynergEyes iD
Single Vision

• Individually
Designed for
Premium
Performance

• Personalized lenses
made specifically for
each patient by
providing Ks, HVID
and Rx.
• Exceptional clarity of
a GP lens

• Empirically
designed lens
offers a
streamlined fit, and
a high rate of firstlens dispense,
patient preference
and satisfaction,
and revenue
retention.



	Diameter	14.5mm
Synergeyes	Skirt	38 to 49 in increments of 1 step to accommodate HVID range of 10.0 to 13.0mm. HVID outside the measurements will default to 10.0 or 13.0mm.
/ ID Parameters	Base Curves	7.10mm to 8.30mm in increments of 0.01mm
	Single Vision Lens Powers	+10.00 to -15.00D +8.00 to -8.00D in 0.25D steps +8.50 to +10.00D in 0.50D steps -8.50 to -15.00D in 0.50D steps



Tangible Hydra-PEG coating available on request
 If your patient requires a thicker GP lens to reduce flexure and mask higher amounts of corneal cylinder, they would benefit from the Fhanced Profile Design. Enhanced Profile is automatically added to orders with 2-500 or more of corneal cylinder, and may be requested for less amounts of corneal cylinder.

UV Blocker

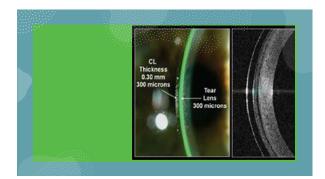
UVA and UVB

Recommended Wear & Replacement

Additional Options:

Daily Wear Recommended replacement every 6 months

19



20



ULTRAHEALTH FC

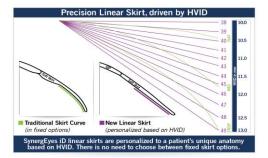
• UltraHealth FC is also available for post-refractive surgery patients. The oblate base curves offered in this addition to the UltraHealth family of lenses are well suited for post-Rk, post-LASIK and other cornea trauma conditions.

SynergEyes iD single Vision

- Individually Designed for Premium Performance
- Personalized lenses made specifically for each patient by providing Ks, HVID and Rx.
- Exceptional clarity of a GP lens

- Individually Designed designed lens offers a streamlined fit, and a high rate of first-lens dispense, patient preference and sevenue retention.

22



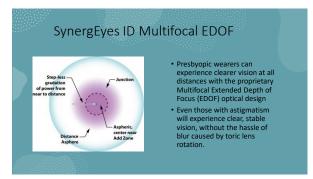
Diameter

23

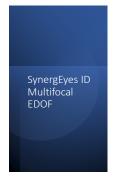
Synergeyes ID Parameters

Skirt	38 to 49 in increments of 1 step to accommodate HVID range of 10.0 to 13.0mm. HVID outside the measurements will default to 10.0 or 13.0mm.
Base Curves	7.10mm to 8.30mm in increments of 0.01mm
Single Vision Lens Powers	+10.00 to -15.00D +8.00 to -8.00D in 0.25D steps +8.50 to +10.00D in 0.50D steps -8.50 to -15.00D in 0.50D steps

14.5mm



25



Power Profile is non-monotonic and non-periodic.
This unique power profile provides:
Good vision at all viewing
discontinuous and the second profile provides and the second profile p

26

SynergEyes Id Multifocal EDOF Parameters

Diameter	14.5mm
Skirt	38 to 49 in increments of 1 step to accommodate HVID range of 10.0 to 13.0mm. HVID outside the measurements will default to 10.0 or 13.0mm.
Base Curves	7.10mm to 8.30mm in increments of 0.01mm
Multifocal Lens Powers	+5.50 to -10.00D +5.50 to -8.00D in 0.25D steps -8.50 to -10.00D in 0.50D steps Add Power: Low, Medium, High