

لنزهای داخل چشمی کمپانی VSY Biotechnology

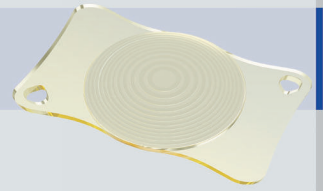


VSY
BIOTECHNOLOGY
Discover the Innovation...



Trifocal IOLs

Acriva[™]
Trinova



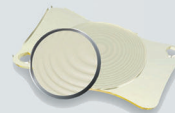
The World's First and Only Sinusoidal Trifocal IOL

- Sinusoidal Trifocal EDOF IOL with Seamless Vision Technology (SVT)
- Highest light transmission to the retina: 92%
- Widest depth of focus: Reading distances from 38 cm up to 80cm
- Compensation effect for minor post-op refractive errors
- Minimized dysphotopsia due to the reduced scattered light
- Widest depth of focus: Reading distances from 38 cm up to 80cm
- Minimized dysphotopsia: Reduced scattered light
- Excellent MTF results: Seamless vision at all distances
- Outstanding visual outcomes: Excellent VA even in mesopic conditions
- Wide Diopter Range: Spheric: 0.0D to +32.00 D (0.50D increments)
- Haptic Size: 11mm, Optic Size: 6mm, A-constant: 118

Worldwide Patented

Halo and Glare ?

Not a problem anymore!!



Acriva[™] Trinova,
Sinusoidal Trifocal IOL
Surface Profile,
Unique
Sinusoidal Pattern



Acriva[™] Trinova, Sinusoidal Trifocal IOL



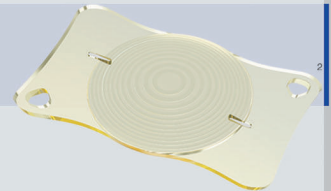
Traditional
Trifocal IOL
Surface Profile
Overlapping
Pattern with
Sharp Edges



Traditional Trifocal IOL

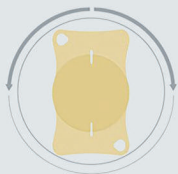
Trifocal Toric IOLs

Acriva[™]
Trinova
toric



- Perfect Clinical Outcomes in Astigmatism Correction
- Excellent Post-Op Rotational Stability
- Wide Diopter Range Sph 0.0 D - 32.0 D (0.5 D increments)
Cyl 1.0 D - 10.0 D (0.5 D increments)

Worldwide Patented

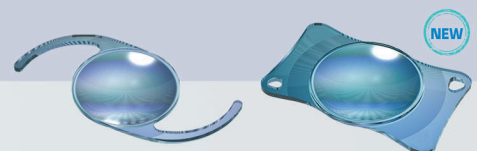


Excellent Rotational Stability, Easy Alignment

The alignment of Acrida Trinova Toric IOL is easier, as it can be rotated in both directions during the operation, since the whole haptic surface is in contact with the capsular bag, plate haptic design always delivers excellent rotational stability.

Monofocal Hydrophobe IOLs

enova[™]
100% Glistening-Free Hydrophobic IOL



NEW

- Enova[™] Next Generation of Hydrophobic IOL
- 100% Glistening Free
- Dry-Packed
- Available in C-loupe, Plate Haptic and Pre-loaded form
- Low glass transition temperature (-2°C)
- Wide Diopter Range: 0.0D to +32.00 D (0.50D increments)



Monofocal IOLs

Acriva^{UD}
ULTRA DEFINITION INTRAOCULAR LENS



UD613

UDM611

UDB625

HAF

- Premium Material: Proven Hydrophobic Surface Behaviour
- Innovative Optic Engineering: Outstanding MTF level
- Superior Chromatic Aberration Control: Abbe number of 58
- Ultra Definition Optic: Advanced Aspheric Design
- 360° All Enhanced Square Edge: Effective PCO Barrier
- Wide Diopter Range: 00.00D to +32.00D (0.50D increments)
- Special Production: -20.00D to -0.50D and +32.50D to +45.00D (0.50D increments)
- A-Constant: 118

Monofocal Blue Balanced IOLs

Acriva^{UD} BB
Blue Filter Ultra Definition Intraocular Lens



BB UD613

BB UDM611

- Optimum Filtration Range: UV, violet and blue spectrum filter
- Ideal Chromophore Concentration: Improved Contrast sensitivity

Monofocal Blue Balanced Toric IOLs

Acriva^{UD} BB
toric
Blue Filter Ultra Definition Toric Intraocular Lens



BB T UDM611

- Prevalence of Astigmatism: 50% of Cataract Patients have at least 1.0 D astigmatism
- Plate Haptic: Minimum SIA, Excellent Stability, MIC Possibility
- AcrivaUD Easy Toric Calculator: Free and Simple Tool for Toric Surgery Planning
- Wide Diopter Range: Spheric: 0.0D to +32.00 D (0.50D increments)
Cylindric: +1.00D to +10.00D (0.50D increments)



Viscoelastic (OVD)

Protectacel^{2.0%}
Hydroxypropylmethylcellulose

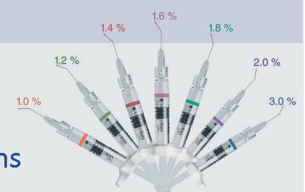


- Highly Purified Transparent MPMC
- Double Sterilization
- 2.0 ml high filling volume
- No refrigeration required

Protectalon
Na Hyaluronate

1.0% 1.2% 1.4% 1.6% 1.8% 2.0% 3.0% **DUO**

- Bio-fermented Sodium Hydrionate Production
- 7 different concentrations
- Non-immunogenic
- Excellent Biocompatibility
- Non-pyrogenic



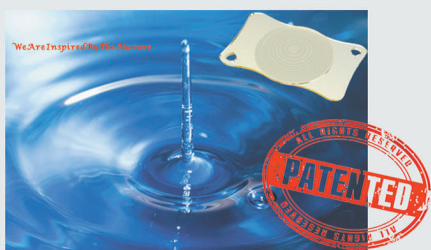
درباره VSY Biotechnology



Headquarters : Echterdingen, Germany

کمپانی VSY Biotechnology از سال ۲۰۰۹ شروع به کار کرد ، یک کمپانی نوآور و پیشرو در زمینه تولید لنزهای داخل چشمی و ژل های چشمی می باشد. محصولات این کمپانی در حال حاضر در بیش از ۶۰ کشور دنیا در حال استفاده می باشد.

اولین لنز سینوسوئیدال دنیا



در سال ۲۰۲۰ ، نخستین لنز سه کانونه سینوسوئیدال توسط این کمپانی طراحی و به بازار ارائه شد و Patent این محصول نیز ثبت گردید واحد تحقیق و توسعه این شرکت به صورت فعال و پویا در حال پژوهش و طراحی محصولات جدید در زمینه چشم پزشکی می باشد .

جایزه سالیانه Star Awards



کمپانی VSY Biotechnology هر ساله به سه پژوهش برتر در زمینه چشم پزشکی جایزه ای با عنوان VSY Star Awards اهدا می نماید. این جایزه الزاما مرتبط با تحقیقات در زمینه IOL نمی باشد و کلیه موضوعات و عناوین قابل ارائه می باشند. لینک ارائه مقاله: www.vsybiotechnology.com/starawards