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Alfamed Medizinprodukte GmbH

Alfamed Medizinprodukte GmbH wurde 1997 von den Personen Joe Gössi, Gerold Lassacher und Herbert Blaha gegründet.

Geschäftsbereich der Firma ist der Handel vorwiegend mit Medizinprodukten im Ophthalmochirurgischen Bereich mit Fokus auf der Katarakt-Chirurgie.

Wir vertreiben ausschließlich qualitativ hochwertige Produkte, die in folgenden Ländern produziert werden: Deutschland, Schweden, Schweiz, Großbritannien, Holland, USA, Kanada und Israel.

Unser Ziel ist es, unseren Kunden bei Problemen in der Ophthalmochirurgie Lösungen anzubieten, die von der Lieferung von Standardprodukten bis zu speziellen Einzelanfertigungen reichen.

Kontakt

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3100 St. Pölten

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Geschäftsführer: Herbert Blaha
Martin Blaha

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UNSERE PARTNER

Microvisc and BBT visc allow eye surgeons to work quickly, efficiently and effectively. Developed from biological source and with a unique manufacturing process, Bohus BioTech viscoelastics offers the highest in standards and reliability.

- Manufactured in Sweden since 1992
- High transparency
- No bubbles
- Steam sterilized
- Stored at room temperature 2–25 °C

Efficient, easy-to-use products that come in a small, space saving package, Microvisc can be stored at room temperature, meaning potential cost savings in terms of transportation and storage, and of minimized surgery time.

Microvisc and BBT visc.
Products worth looking at.

MICROVISC® 1%

0.55 & 0.85 ml

Allround product with high molecular weight resulting in high viscosity and pseudoplasticity. High cohesion, meaning that it creates space, stabilizes the surgical micro environment and facilitates movement of tissue. High pseudoplasticity enables easy and controlled injection and IOL implantation. The product is removed as a single mass at the end of surgery.

MICROVISC® PLUS 1.4%

0.55 & 0.85 ml

Super high molecular weight, pseudoplasticity and cohesion provides maximum intraocular stability, while creating space during capsulorhexis. Reliable in more difficult cases such as trauma and refractive surgery. Excellent performance during IOL implantation. Super high pseudoplasticity provides a product easy to inject and is removed as a single mass after surgery.

MICROVISC® PHACO 2.5%

0.55 & 0.85 ml

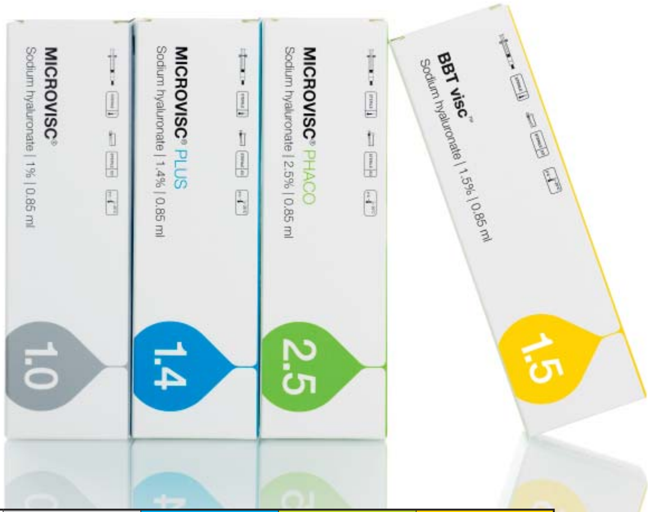
Viscoadaptive product designed to adapt to the different stages of surgery. At rest, it adopts cohesive characteristics (e.g. during capsulorhexis), and under stress it behaves in a dispersive way (e.g. during phacoemulsification. Excellent allround product that can also be used for advanced cases and trauma. A product that combines both high and low molecular weight hyaluronic acid.

BBT visc™ 1,5%

0.55 & 0.85 ml

Medium molecular weight product with dispersive and adhesive characteristics. The adhesive properties ensure that it remains in the anterior chamber during phaco-emulsification, while providing excellent coating and protection of endothelial cells.

Microvisc and BBT visc at a glance



Data	Microvisc	Microvisc Plus	Microvisc Phaco	BBT visc
Sodium hyaluronate	1 %	1.4 %	2.5 %	1.5 %
Molecular weight [Dalton]	avg. 5 million	avg. 5 million	avg. 4 million	avg. 2.3 million
Viscosity, zero shear 25 °C [cPs, mPas]	avg. 1 million	avg. 3.3 million	avg. 1 million	avg. 70.000
Osmolality [mOsm/kg]	310	320	360	320
pH	6.8–7.6	6.8–7.6	6.8–7.6	6.8–7.6
Shelf life [years]	3	3	3	3
Storage	2–25 °C	2–25 °C	2–25 °C	2–25 °C
Syringe volume [ml]	0.55 / 0.85	0.55 / 0.85	0.55 / 0.85	0.55 / 0.85
Cannula	27	27	25	27
Box [units]	single/5	single/5	single/5	single

Formula [ml]	Microvisc	Microvisc Plus	Microvisc Phaco	BBT visc
Sodium hyaluronate	10 mg	14 mg	25 mg	15 mg
Disodium phosphate dihydrate	1.4 mg	1.4 mg	1.4 mg	1.4 mg
Sodium chloride	8.3 mg	8.3 mg	8.3 mg	8.3 mg
Potassium dihydrogen phosphate	0.26 mg	0.26 mg	0.26 mg	0.26 mg
Water for injection	q.s.	q.s.	q.s.	q.s.

Characteristic explained	Surgical function
Cohesiveness	*A product that builds well in the eye, creates space and stabilizes the anterior chamber (AC). Is easy to inject and to remove from the AC.*
Dispersiveness	*A product that floats out in the eye, coating and protecting the corneal endothelium during phacoemulsification and supresses the formation of free radicals.*
Viscosity	*A substance with high viscosity at rest keeps a deep anterior chamber which is essential especially during increased vitreous pressure.*
Pseudoplasticity	*A high degree of pseudoplasticity means a product that easily transforms under pressure and that quickly reverts to its original form when at rest. Working with a product with high pseudo-plasticity means easy injection, IOL implantation and aspiration.*

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info@bohusbiotech.com, www.bohusbiotech.com

Bohus BioTech

Artikelnummer 30-2225. REF 2012-06.


MEDIO CLEAR
2,0%
HYPROMELLOSE 2,0 % in BSS-L
2 ml
Zur intraocularen Anwendung
VERTRIEB:
FAX: 02742 313 829 11
MEDIO CLEAR
2,0%
HYPROMELLOSE 2,0 % in BSS-L
2 ml
Zur intraocularen Anwendung
VERTRIEB:
FAX: 02742 313 829 11
50 STÜCK
OHNE KANÜLEN

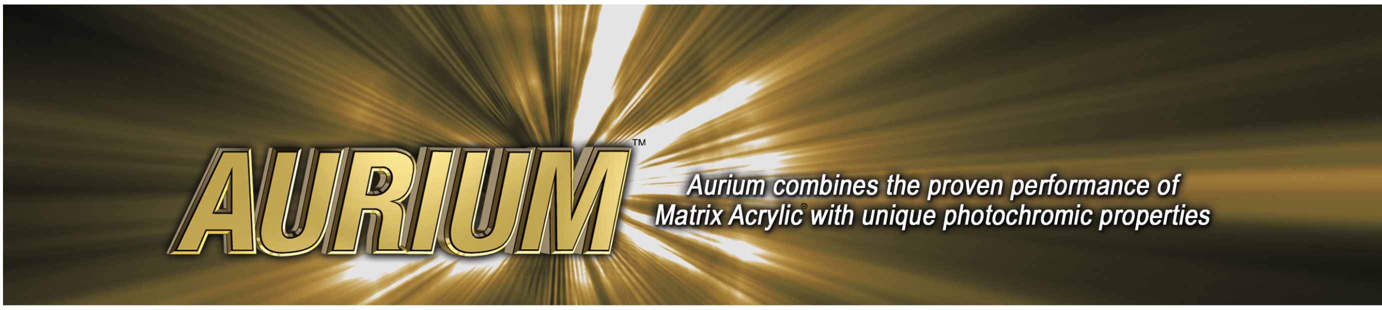
MEDIO-CLEAR®

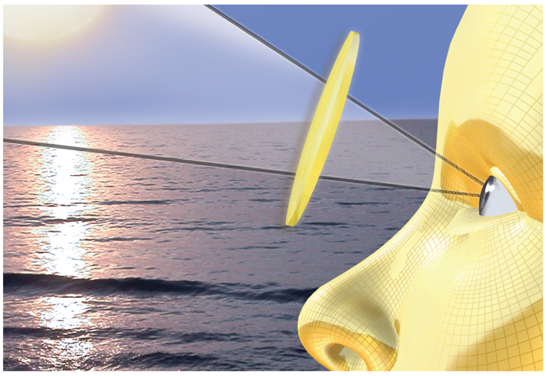
Die viskoelastischen Eigenschaften von MEDIO-CLEAR® und seine gute Gleitfähigkeit ermöglichen die Erhaltung der tiefen Vorderkammer und dem Schutz des Hornhautendothels während intraokularen Eingriffen im vorderen Augenabschnitt. Durch eben diese Qualitäten ermöglicht MEDIO-CLEAR® eine atraumatische Bewegung von Gewebsstrukturen und ein leichteres Einbringen der Intraokularlinsen.

MEDIO-CLEAR® 2,0%
Viskosität 4.500 mPas.s
Molekulargewicht 80.000 D

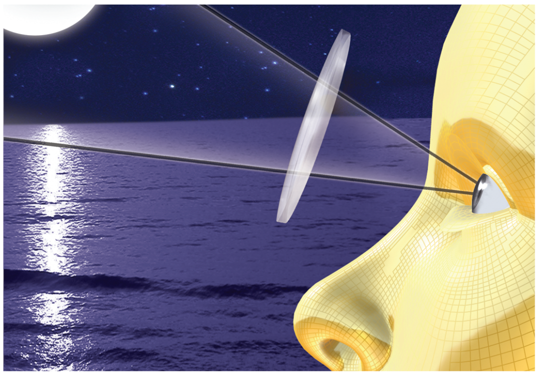
Erhältlich:
25 Stück Karton inklusive einer 23G Steriseal® Kanüle
50 Stück Karton ohne Kanüle, gerne liefern wir Ihnen eine Sterimedix® Kanüle ihrer Wahl separat.


AURIUM™
Model No. 400
Medennium



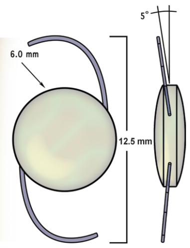


Aurium turns yellow in the presence of UV light (sunlight) to provide blue blocking protection.



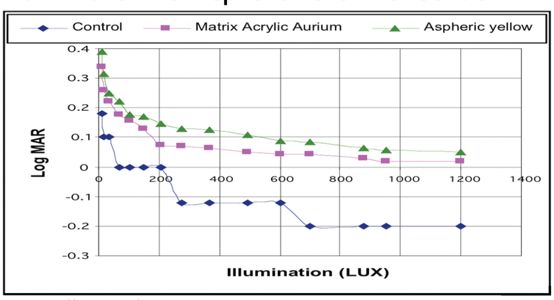
In the absence of UV light (sunlight) Aurium is clear and colorless.

- *The color change to yellow takes about 10 seconds and becomes colorless in about 30 seconds.[1]*
- *In it's activated state Aurium blocks about 50% of both violet and blue light.[1]*
- *The photochromic property of Aurium exceeds the ISO standard of 20 years of hydrolytic stability and photostability (Data on file at Medennium).*



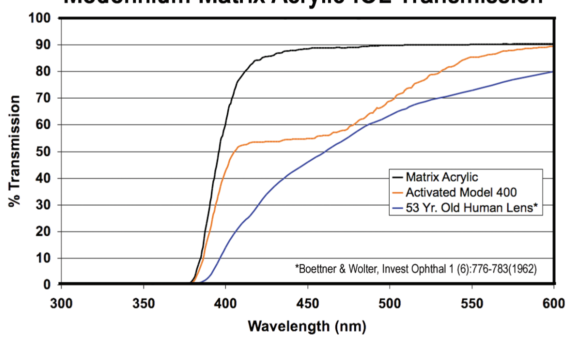
Optic: Full symmetric biconvex
Material: Photochromic hydrophobic acrylic
Range: 0.0 -30.0 Diopters
Haptic: PVDF Modified C
A Constant 118.5 (estimated)
IOL Master: 119.2 (calculated)
Refractive Index (@25°C): 1.56
Anterior Chamber Depth: 5 mm

BCVA Aurium vs. Aspheric Yellow vs. Control



Average of 14 subjects @ 1 year, BCVA (LogMAR) at various illumination levels of Matrix Acrylic® Aurium in comparison with Aspheric Yellow and young Phakic Subjects (control). (*Data on file at Medennium*)

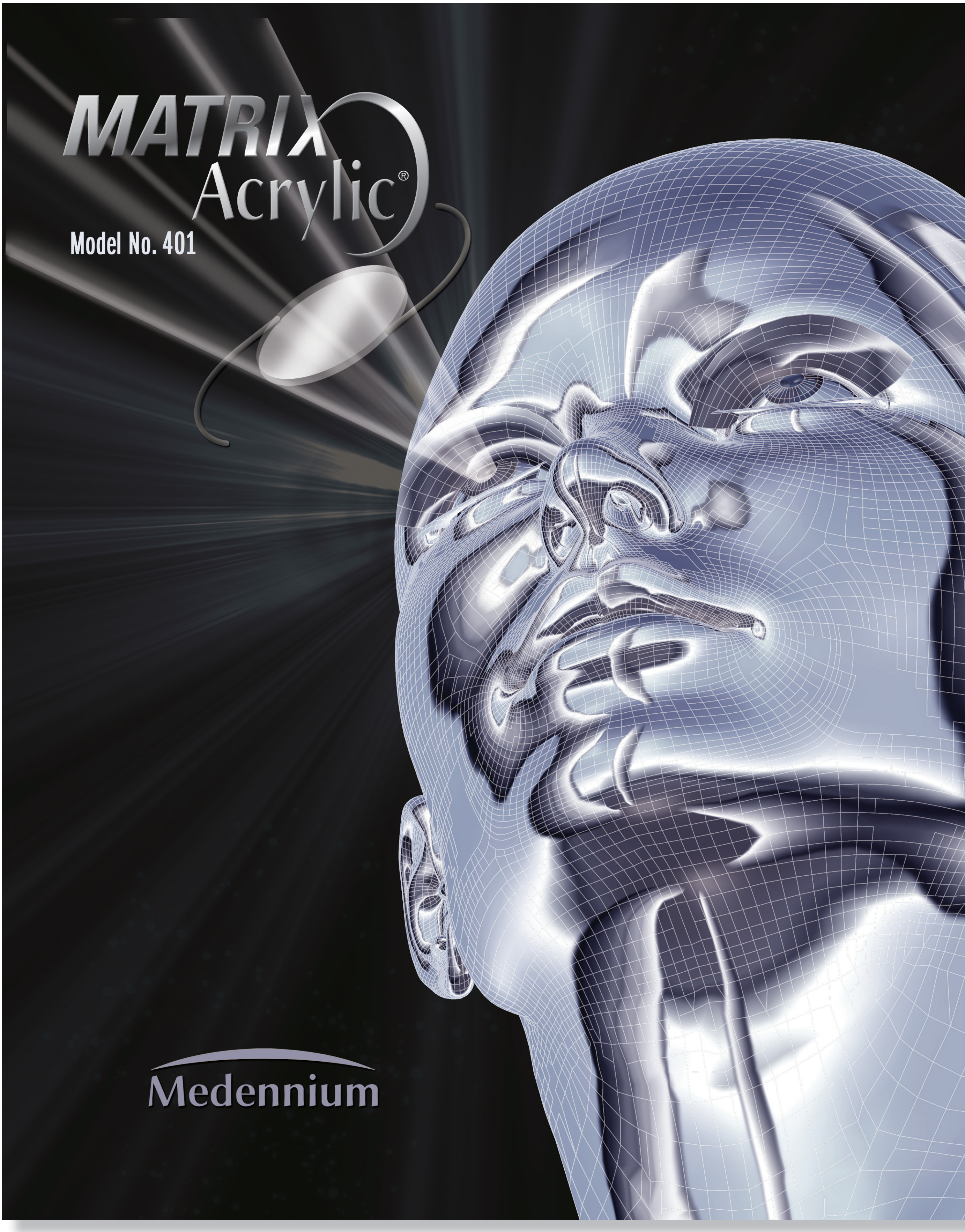
Medennium Matrix Acrylic IOL Transmission



1) Werner, L. et al, "New photochromic foldable intraocular lens: Premliminary study of feasibility and biocompatibilty" JCRS 2006; 32; 1214-1221

Medennium

Medennium Inc. 13 Av. de Montrouge E6, R. Normandie, 92340 Bourg la Reine, France
Phone: 1.949.789.9000 Fax: 1.949.789.9032 www.medennium.com


MATRIX
Acrylic®
Model No. 401
Medennium

Matrix Acrylic® - An acrylic IOL designed to give you all the advantages of hydrophobic acrylic IOL's with none of the compromises. We invite you to evaluate Matrix Acrylic®

Optic

Full 6 mm symmetric biconvex optic designed to:

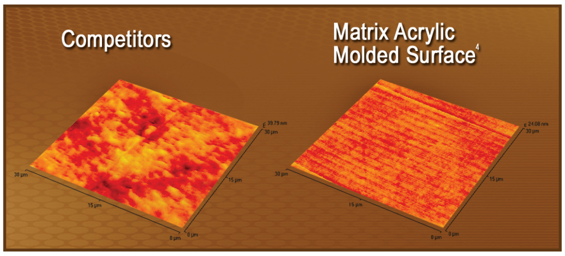
- Minimize cosmetically undesirable external reflection in the pupil[1]
- Minimize internally reflected glare[1]
- Maximize refractive predictability across all diopters

Highest tensile strength designed to resist optic damage[4]

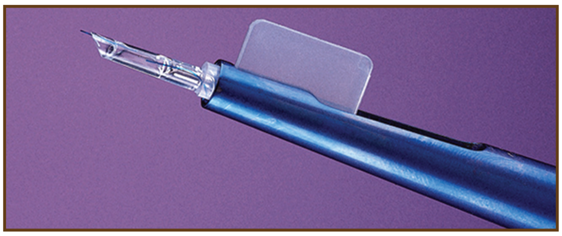
Sharp edge designed to minimize PCO

Haptics

- Polyvinylidene (PVDF) haptics chosen for their shape recovery and no breakage with injectors[2]
- 5° angulation designed to provide early and effective optic/capsule contact thereby minimizing migration of lens epithelial cells to teh posterior capsule[3]

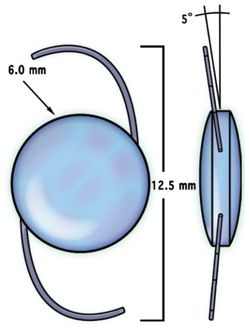


Acrylic Lens Surface Comparison



Matrix Acrylic may be implanted with an injector through a 2.4mm incision

Proven Design Properties



Optic: Full symmetric biconvex
Material: Hydrophobic acrylic
Range: 0.0 - 30.00 Diopters
Haptic: PVDF – Modified C
A Constant: 118.5 (estimated)
IOL Master: 119.2 (calculated)
Refractive Index (@25°C): 1.56
Anterior Chamber Depth: 5 mm

1 Erie JC Analysis of Postoperative Glare and Intraocular Lens Design. JCRS 2001 27:614-621

2 Kimura W. Comparison of Shape Recovery Ratios in Various Intraocular Lens Haptics. JCRS 1992;18:330-345

3 Nishi O. Posterior Capsule Opacification-Is It Still a Problem? 2001 ASCRS, San Diego, CA

4 Data on file, Medennium, Inc.

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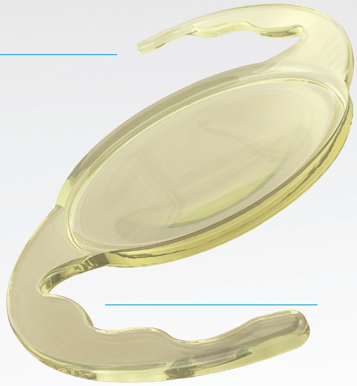
CE

P/N 100400 REV E
US PAT 6,271,281/6,780,899


Hanita
Lenses
SeeLens HP
Hydrophobic Aspheric IOL
VISIBLE
PERFECTION

SeeLens HP, the new Aspheric Hydrophobic Intraocular lens from Hanita Lenses, provides the patient with an excellent vision quality at day and night conditions, by using state-of-the-art aberration free aspheric optical design.



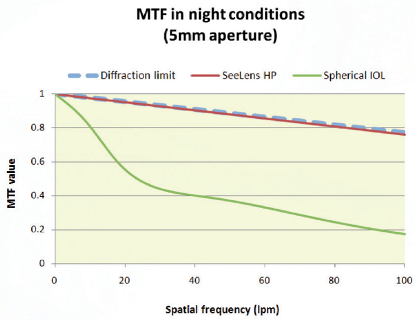
Advanced Optical Design

The Aspheric SeeLens HP was designed using the most advanced tools by a professional R&D team of optical and mechanical engineers.
The optical profile of the SeeLens HP was calculated using ZEMAX™ software - a simulating tool for the optical design optimization.
Calculations were aimed to minimize all aberrations, including the spherical aberration of the cornea, and to optimize the MTF (Modular Transfer Function).

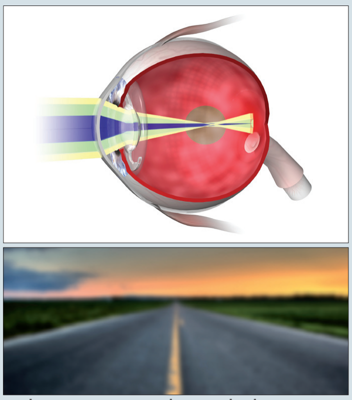
Eye Model

The optical design of SeeLens HP was performed using the advanced Arizona Eye model [1].
The parameters and dimensions of the eye model are consistent with average human data.
The model was designed to match clinical levels of aberrations, both on and off axis.
The retina curvature is designed to split the tangential and sagittal foci off-axis. The result is an accurate simulation of the visual performance of the SeeLens HP in the Post- operative eye.

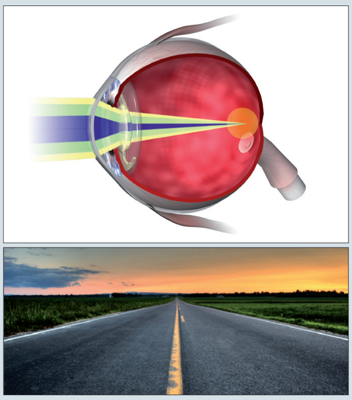
[1] Field Guide to Visual and Ophthalmic Optics; Jim Schwiegerling; Nov. 2004.



The SeeLens HP design provides an excellent optical quality at night conditions, near the theoretical limit



Spheric Lens - Spherical aberration

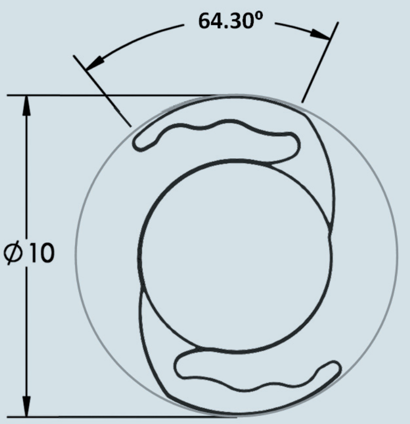


Seelens HP - Aberration free

- Seelens HP reduces spherical aberratio to minimum
- Seelens HP Improves functional vision
- Seelens HP Improves night vision
- Seelens HP designed with the most advanced optical tools

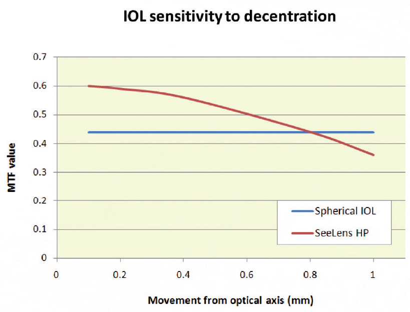
Geometrical Design

- Seelens HP ensures excellent stability and centration due to the unique C-loop mechanical design of the haptics.
- 360° continuous square edge in order to minimize PCO.

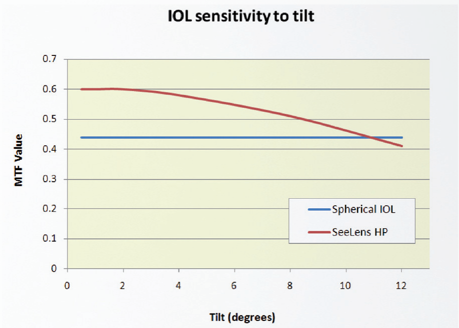


SeeLens HP provides wide angle of contact with the capsular bag

Stability and Centration



The SeeLens HP design provides a visual advantage over spheric lens even if decentered up to 0.8 mm



The SeeLens HP design provides a visual advantage over spheric lens even if tilted up to 10.9 degrees

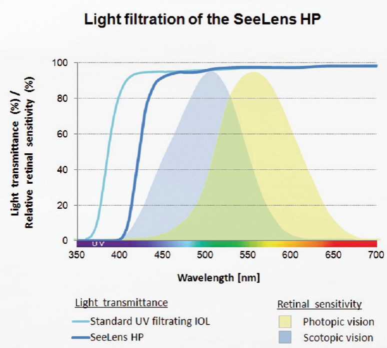
Material

- The SeeLens HP is made of a hydrophobic material with bio-adhesive characteristics, resulting in reduction of secondary cataract procedures[1].
- The SeeLens HP has a very low glistening rate [2,3].
- The SeeLens HP hydrophobic material incorporates a violet filtering chromophore for better protection of the retina.

[1] Advances in Intraocular Lens Materials and Designs: Maximizing Biocompatibility and Optical Performance; T.P. O'Brien, Ophthalmologica 2003;217

[2] Data from Benz Research and development QA Dept

[3] Glistenings in the Single-Piece Hydrophobic, Acrylic Intraocular Lenses; Aaron Waite, Nathan Faulkner and Randall J.Olson; J Ophthalmol 2007;144:143-144



The SeeLens HP provides protection for the retina, by filtering light of wavelength below 400 nm

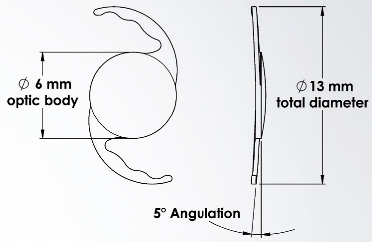
Mini Incision implantation

- Easily and safely injected through an incision of 2.2 mm.
- Excellent memory – superior foldability, slow release and gentle unfolding.

Technical Specifications

Overall diameter	13.00 mm
Optic diameter	6.00 mm
Haptic angulation	5°
Optic design	Aspheric
Edge design	360° Continuous Square Edge
Power range	+5.0 to +10.0 (1D increments) +10.5 to +30.0 (0.5 D increments) +31.0 to +35.0 (1D increments)
Material	Hydrophobic Acrylic
Filtration	UV Blocker and violet light filter
Refractive Index	1.484 (@ 35°c)
Y.A.G laser	Compatible
Estimated A constant	SRK/T IOLMASTER biometry: 119.5* SRK/T US biometry: 119.16*
Placement	Capsular Bag

CE Approved



* It is recommended that surgeons personalize their A-constant based on their surgical techniques and equipment, experience and post-operative results.
For more information please visit Hanita Lenses web site

Hanita Lenses

Hanita Lenses is a worldwide trusted manufacturer and provider of intraocular lens solutions for cataract surgery.
With more then 30 years of experience in meeting the varied needs of ophthalmic surgeons, the Hanita Lenses name is synonimus with high quality, reliability and service.

VISIBLE PERFECTION

T1024 07/12

ISO 9001:2008 · ISO 13485:2003 ·

Hanita Lenses

www.hanitalenses.com e.mail: marketing@ hanitalenses.com
Hanita Lenses Intraocular & Contact Lenses
Kibutz Hanita 22885 Tel: +972 4 9950700 Fax. +972 4 9950755

αmed
alfamed
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BunnyLens HP is the new hydrophobic intraocular lens from Hanita Lenses. BunnyLens HP is made of hydrophobic material and provides the patient with an excellent quality of vision at day and night conditions, by using state-of-the-art aberration free aspheric optical design

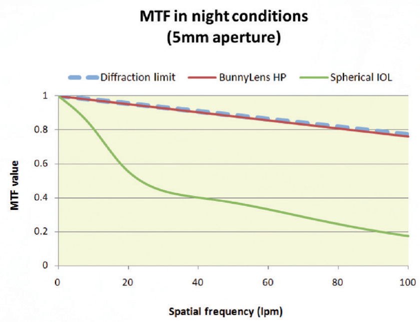
Advanced Optical Design

The Aspheric BunnyLens HP was designed using the most advanced tools by a professional R&D team of optical and mechanical engineers. The optical profile of the BunnyLens HP was calculated using ZEMAX™ software – a simulating tool for the optical design optimization. Calculations were aimed to minimize all aberrations, including the spherical aberration of the cornea, and to optimize the MTF (Modular Transfer Function).

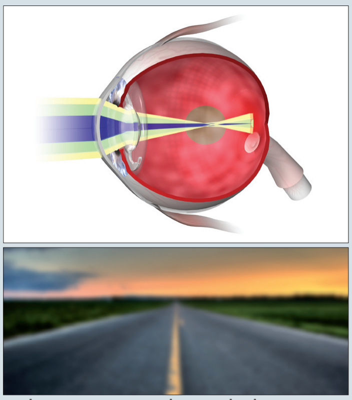
Eye Model

The optical design of BunnyLens HP was performed using the advanced Arizona Eye model. [1]
The parameters and dimensions of the eye model are consistent with average human data. The model was designed to match clinical levels of aberrations, both on and off axis. The retina curvature is designed to split the tangential and sagittal foci off-axis. The result is an accurate simulation of the visual performance of the BunnyLens HP in the Post- operative eye.

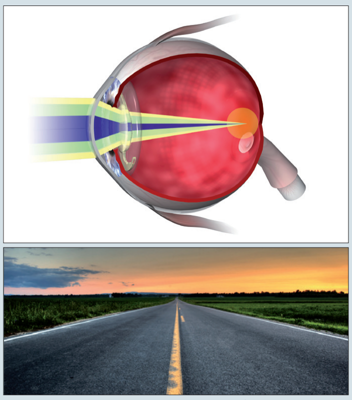
[1] Field Guide to Visual and Ophthalmic Optics; Jim Schwiegerling; Nov 2004



The BunnyLens HP design provides an excellent optical quality at night conditions, near the theoretical limit



Spheric Lens - Spherical aberration

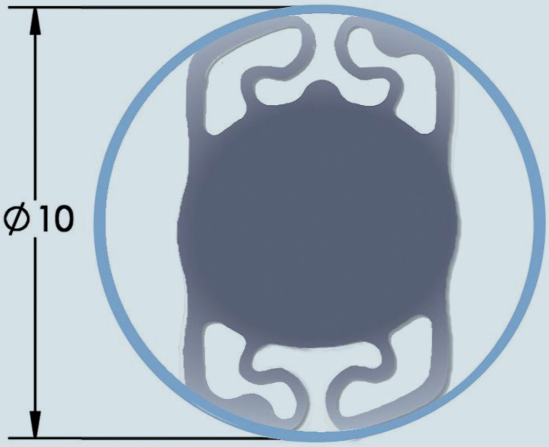


Seelens HP - Aberration free

- BunnyLens HP reduces spherical aberration to minimum
- BunnyLens HP Improves functional vision
- BunnyLens HP Improves night vision
- BunnyLens HP designed with the most advanced optical tools

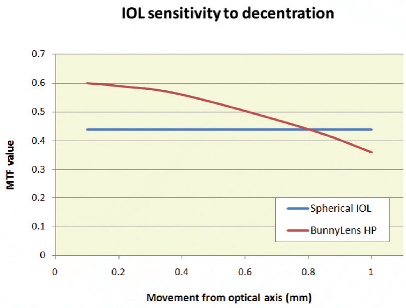
Geometrical Design

- BunnyLens HP ensures excellent stability and centration due to the 4 - point haptic design.
- 360° continuous square edge in order to minimize PCO.

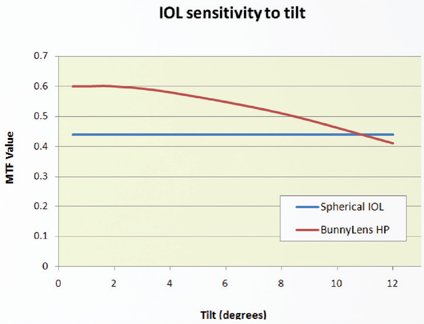


BunnyLens HP provides wide angle of contact with the capsular bag

Stability and Centration



The BunnyLens HP design provides a visual advantage over spherical lens even if decentered up to 0.8 mm



The BunnyLens HP design provides a visual advantage over spherical lens even if tilted up to 10.9 degrees

Material

- The BunnyLens HP is made of a hydrophobic material with bio-adhesive characteristics, resulting in reduction of secondary cataract procedures[1].
- The BunnyLens HP has a very low glistening rate [2,3].
- The BunnyLens HP hydrophobic material incorporates a violet filtering chromophore for better protection of the retina.

[1] Advances in Intraocular Lens Materials and Designs: Maximizing Biocompatibility and Optical Performance; T.P. O'Brien, Ophthalmologica 2003;217

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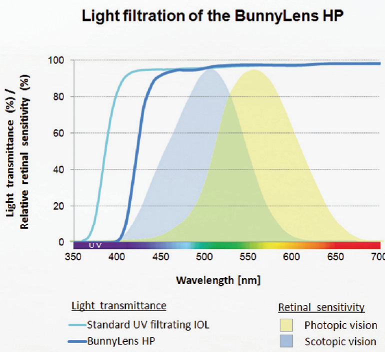


The BunnyLens HP provides protection for the retina, by filtering light of wavelength below 400 nm

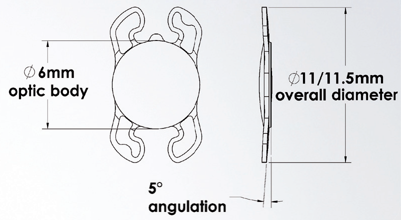
Mini Incision implantation

- Easily and safely injected through an incision of 2.2 mm.
- Excellent memory – superior foldability, slow release and gentle unfolding.

Technical Specifications

Overall diameter	11.00 mm (10D and above); 11.5mm for lower D
Optic diameter	6.00 mm
Haptic angulation	5°
Optic design	Aspheric
Edge design	360° Continuous Square Edge
Power range	+5.0 to +10.0 (1D increments) +10.5 to +30.0 (0.5 D increments) +31.0 to +35.0 (1D increments)
Material	Hydrophobic Acrylic
Filtration	UV Blocker and violet light filter
Refractive Index	1.484 (@ 35°c)
Y.A.G laser	Compatible
Estimated A constant	SRK/T IOLMASTER biometry: 118.5* SRK/T US biometry: 118.16*
Placement	Capsular Bag

CE Approved



* It is recommended that surgeons personalize their A-constant based on their surgical techniques and equipment, experience and post-operative results.
For more information please visit Hanita Lenses web site

Hanita Lenses

Hanita Lenses is a worldwide trusted manufacturer and provider of intraocular lens solutions for cataract surgery.
With more then 30 years of experience in meeting the varied needs of ophthalmic surgeons, the Hanita Lenses name is synonimus with high quality, reliability and service.

VISIBLE PERFECTION

T1026 07/12

ISO 9001: 2008 · ISO 13485: 2003 ·

Hanita Lenses

www.hanitalenses.com e.mail: marketing@ hanitalenses.com
Hanita Lenses Intraocular & Contact Lenses
Kibutz Hanita 22885 Tel: +972 4 9950700 Fax. +972 4 9950755


Hanita
Lenses
ADD.
+3D
SeeLens MF
The Premium Multifocal Solution
VISIBLE
PERFECTION

SeeLens MF, the new diffractive multifocal aspheric intraocular lens from Hanita Lenses, provides the patient with an excellent depth of focus for the near, intermediate and far visual ranges. The use of SeeLens MF reduces spectacle dependency for reading, driving and using the computer.

Advanced Optical Design

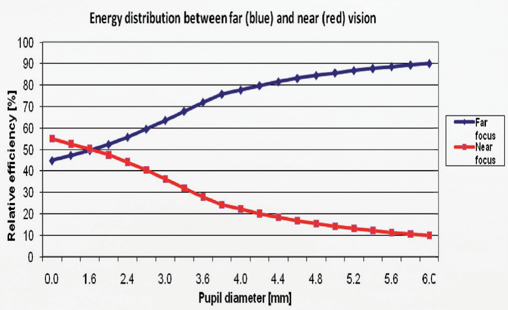
The SeeLens MF was designed using the most advanced tools by a professional R&D team of optical and mechanical engineers.
The optical diffractive apodized aspheric profile was developed using proprietary algorithms and the Zemax™ software. Calculations were optimized in order to provide optimal energy distribution in different light conditions, minimize spherical aberrations and generate +3.0D addition power for near vision, equivalent to +2.4D at the spectacle plane.

Apodized Diffractive Optics

The aspheric - diffractive profile of the BunnyLens AF has been clinically proven to provide an excellent and aberration free vision, in all conditions and for all distances.
The diffractive steps are located in the 4mm central zone, suiting pupil sizes in various lighting conditions.
The steps follow an apodization function, meaning they reduce in height according to an algorithm designed so the patient can function comfortably all day long.

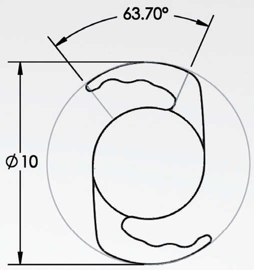
The state-of-the-art apodized diffractive surface provides visual functionality throughout the day:

- In photopic conditions, when the pupil is small, the SeeLens MF distributes 65% of the light for far vision and 35% for near vision, providing light for all daytime activities.
- In mesopic and scotopic conditions, distance vision gets most of the light energy, enabling night vision and driving in the dark, when the pupil is enlarged.

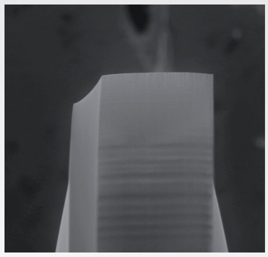


Geometrical Design

- Unique mechanical design of the haptics ensures excellent stability and centration of the SeeLens MF.
- Wide angle of contact with the capsular bag.
- 360° sharp square edge for lowered PCO.



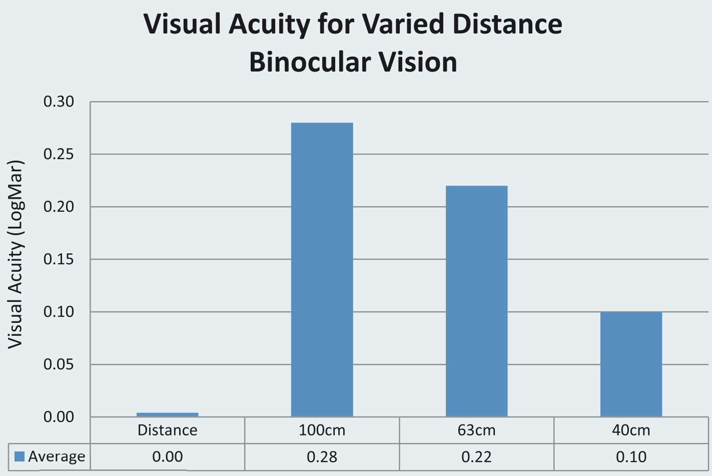
SeeLens MF provides wide angle of contact with the capsular bag


SEM image of SeeLens MF edge design[1]

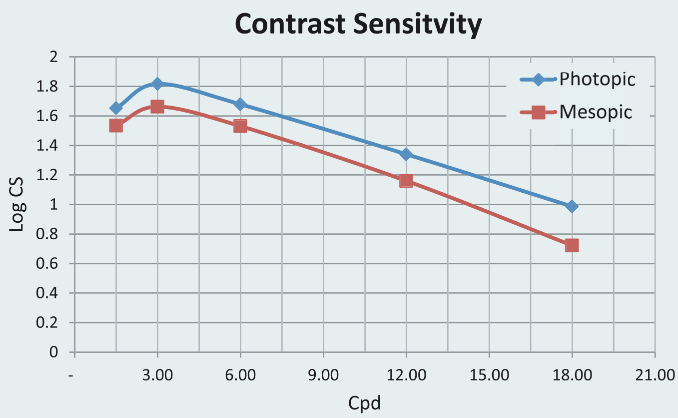
[1]Image by Prof. Manfred Tetz, ATK Spreebogen Berlin.

Clinical Evaluation Results*

Designed to rejuvenate vision, the SeeLens MF works in harmony with the pupil to provide a quality depth of vision for all distances.



Due to its aspheric optical design profile, clinical results of the SeeLens MF showing superior contrast sensetivity providing sharper vision in all lightning conditions.

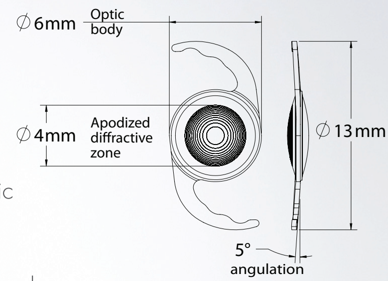


*Clinical results of multicenter study based on the multicenter study of the SeeLens MF lenses by Prof. M. Tetz, Prof. R. Bellucci, Prof. J.L. Aloi

Mini Incision implantation

- Easily and safely injected through an incision as small as 1.8 mm.
- Lower surgically induced astigmatism.
- Fast recovery after surgery, less inflammation.
- Less trauma to the cornea and the eye.
- Less endothelial cell loss.

Technical Specifications



Overall diameter	13.00 mm
Optic diameter	6.00 mm
Power range	+10.0 to +30.0 (0.5 D increments) +31.0 to +35.0 (1 D increments)
Optic design	Multifocal Diffractive Apodized Aspheric
Edge design	360° Continuous Square Edge
Haptic angulation	5°
Material	Hydrophilic Acrylic HEMA/EOEMA copolymer
Filtration	UV Blocker and violet light filter
Refractive Index	1.46 (hydrated @ 35°c)
Y.A.G laser	Compatible
Estimated A constant	SRK/T IOLMASTER biometry: 118.6* SRK/T US biometry: 118.27*
Placement	Capsular Bag
CE Approved	

* It is recommended that surgeons personalize their A-constant based on their surgical techniques and equipment, experience and post-operative results.
For more information please visit Hanita Lenses web site.

Hanita Lenses

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With more then 30 years of experience in meeting the varied needs of ophthalmic surgeons, the Hanita Lenses name is synonimus with high quality, reliability and service.

VISIBLE PERFECTION

T1031 07/12

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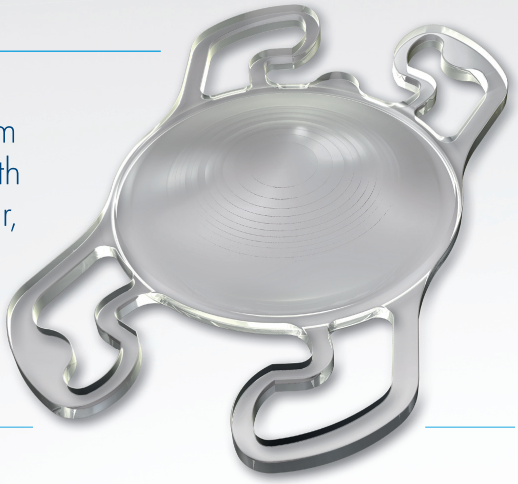
Hanita Lenses
ADD. +3D
BunnyLens MF
VISIBLE PERFECTION
The Premium Multifocal Solution



BunnyLens MF, the new diffractive multifocal aspheric intraocular lens from Hanita Lenses, provides the patient with an excellent depth of focus for the near, intermediate and far visual ranges. The use of BunnyLens MF reduces spectacle dependency for reading, driving or using the computer.

Advanced Optical Design

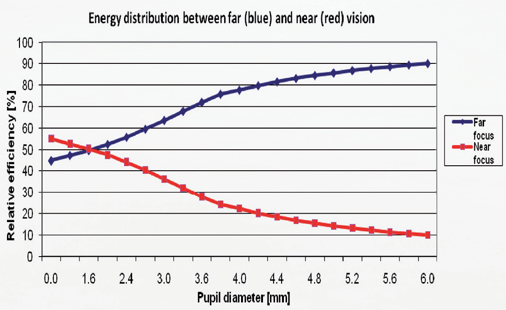
The BunnyLens MF was designed using the most advanced tools by a professional R&D team of optical and mechanical engineers.
The optical diffractive apodized aspheric profile was developed using proprietary algorithms and the Zemax™ software. Calculations were optimized in order to provide optimal energy distribution in different light conditions, minimize spherical aberrations and generate +3.0 D addition power for near vision, equivalent to +2.4D at the spectacle plane.

Apodized Diffractive Optics

The aspheric - diffractive profile of the BunnyLens AF has been clinically proven to provide an excellent and aberration free vision, in all conditions and for all distances.
The diffractive steps are located in the 4mm central zone, suiting pupil sizes in various lighting conditions.
The steps follow an apodization function, meaning they reduce in height according to an algorithm designed so the patient can function comfortably all day long.

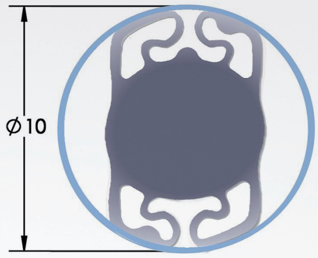
The state-of-the-art apodized diffractive surface provides visual functionality throughout the day:

- In photopic conditions, when the pupil is small, the BunnyLens MF distributes 65% of the light for far vision and 35% for near vision, providing light for all daytime activities.
- In mesopic and scotopic conditions, distance vision gets most of the light energy, enabling night vision and driving in the dark, when the pupil is enlarged.

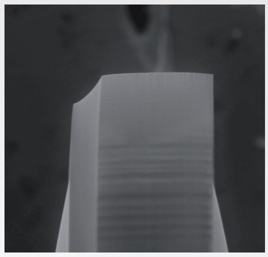


Geometrical Design

- BunnyLens MF ensures excellent stability and centration due to the 4-point haptic design.
- Wide angle of contact with the capsular bag.
- 360° sharp square edge for lowered PCO.



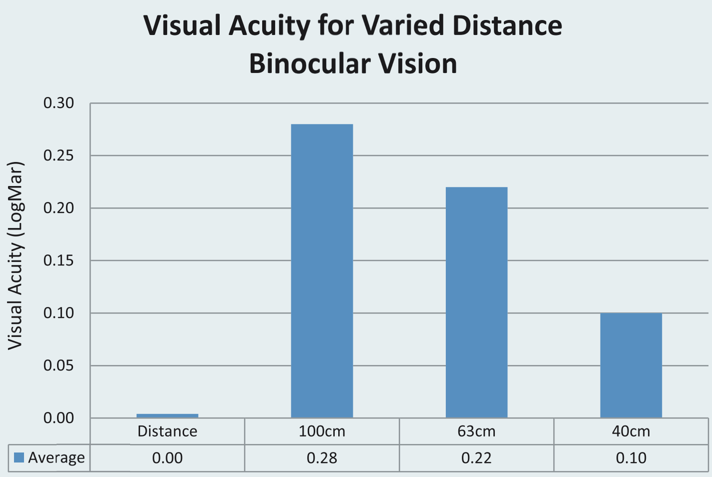
BunnyLens MF provides wide angle of contact with the capsular bag



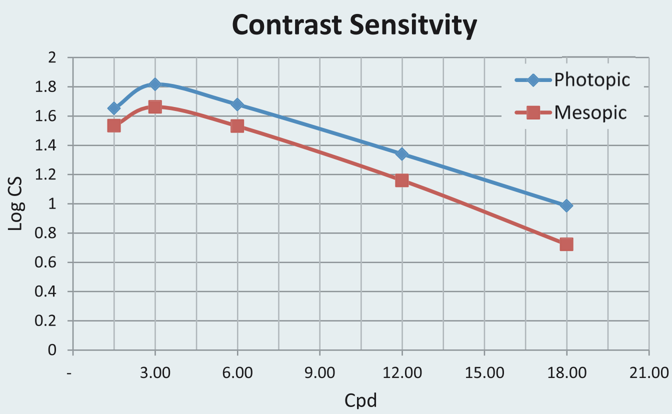
SEM image of BunnyLens MF edge design [1]
[1]Image by Prof. Manfred Tetz, ATK Spreebogen Berlin.

Clinical Evaluation Results*

Designed to rejuvenate vision, the BunnyLens MF works in harmony with the pupil to provide a quality depth of vision for all distances.



Due to its aspheric optical design profile, clinical results of the BunnyLens MF showing superior contrast sensetivity providing sharper vision in all lightning conditions.

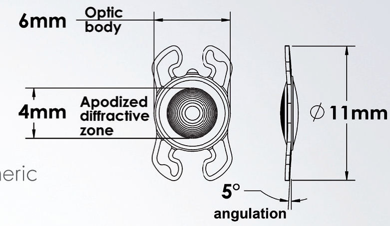


* Based on the multicenter study of the SeeLens MF lenses by Prof. M. Tetz, Prof. R. Bellucci, Prof. J.L. Aloi

Mini Incision implantation

- Easily and safely injected through an incision as small as 1.8 mm.
- Lower surgically induced astigmatism.
- Fast recovery after surgery, less inflammation.
- Less trauma to the cornea and the eye.
- Less endothelial cell loss.

Technical Specifications



Overall diameter	11.00 mm
Optic diameter	6.00 mm
Power range	10.0 to 30.0 (0.5D increments) 31.00 to 35.00 (1.0 D increments)
Optic design	Multifocal Diffractive Apodized Aspheric
Edge design	360° Continuous Square Edge
Haptic angulation	5°
Material	Hydrophilic Acrylic HEMA/EOEMA copolymer
Filtration	UV Blocker and violet light filter
Refractive Index	1.46 (hydrated @ 35°c)
Y.A.G laser	Compatible
Estimated A constant	SRK/T IOLMASTER biometry: 118.5* SRK/T US biometry: 118.16*
Placement	Capsular Bag
CE Approved	

* It is recommended that surgeons personalize their A-constant based on their surgical techniques and equipment, experience and post-operative results. For more information please visit Hanita Lenses web site.

Hanita Lenses

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VISIBLE PERFECTION

T1042 07/12

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Hanita
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SeeLens AF
Providing Aberration Free Vision
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PERFECTION

SeeLens AF, the new Aspheric Intraocular lens from Hanita Lenses, provides the patient with an excellent vision quality at day and night conditions, by using state-of-the-art aberration free aspheric optical design.

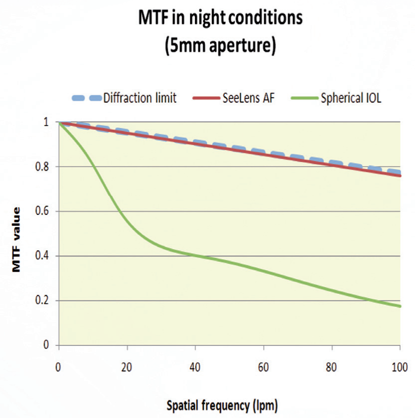
Advanced Optical Design

The aspheric SeeLens AF was designed using the most advanced tools, by a professional R&D team of optical and mechanical engineers. The optical profile of the SeeLens AF was calculated using ZEMAX™ software – a simulating tool for the optical design optimization. Calculations were aimed to minimize all aberrations, including the spherical aberration of the cornea, and to optimize the MTF (Modulated Transfer Function) of the IOL.

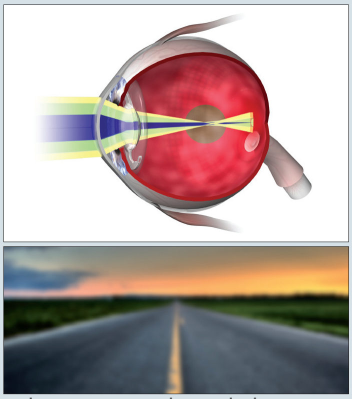
Eye Model

Optical design of the SeeLens AF was performed using the advanced Arizona Eye model [1]. The parameters and dimensions of the eye model are consistent with average human data. The model was designed to match clinical levels of aberrations, both on and off axis. The retina curvature is designed to split the tangential and sagittal foci off-axis.
The result is an accurate simulation of the visual performance of the SeeLens AF in the Post-operative eye.

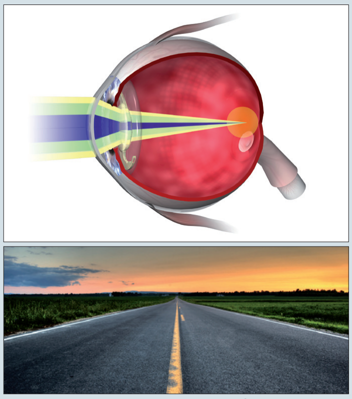
[1] Field Guide to Visual and Ophthalmic Optics; Jim Schwiegerling; Nov. 2004.



The SeeLens AF design provides excellent optical quality at night conditions, near the theoretical limit



Spheric Lens - Spherical aberration

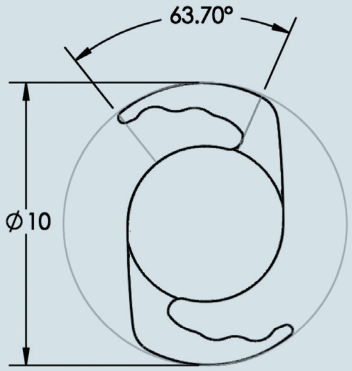


Seelens HP - Aberration free

- SeeLens AF reduces spherical aberration to minimum
- SeeLens AF Improves functional vision
- SeeLens AF Improves night vision
- SeeLens AF designed with the most advanced optical tools

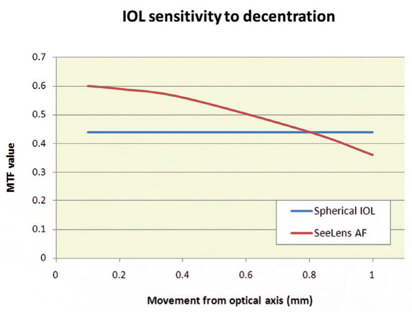
Geometrical Design

- SeeLens AF ensures excellent stability and centration due to the unique C-loop mechanical design of the haptics.
- 360° continuous square edge in order to minimize PCO.

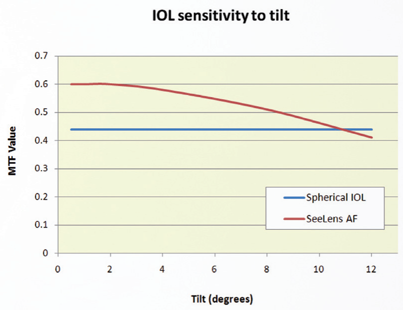


SeeLens AF provides wide angle of contact with the capsular bag

Stability and Centration



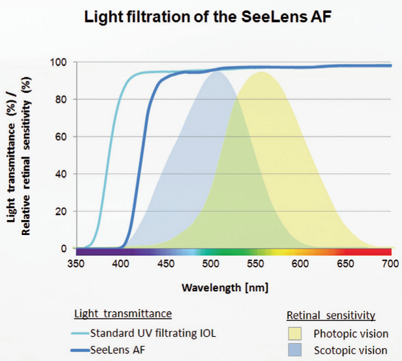
The Seelens AF design provides a visual advantage over spheric lens even if decentered up to 0.8 mm



The Seelens AF design provides a visual advantage over spheric lens even if tilted up to 10.9 degrees

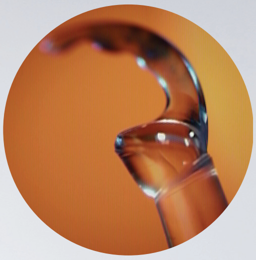
Material

- The SeeLens AF is made of a hydrophilic acrylic material, with proven reputation and many years of clinical experience.
- The SeeLens AF is characterized by excellent biocompatibility and mechanical quality
- The SeeLens AF material incorporates a violet filtering chromophore for better protection of the retina.



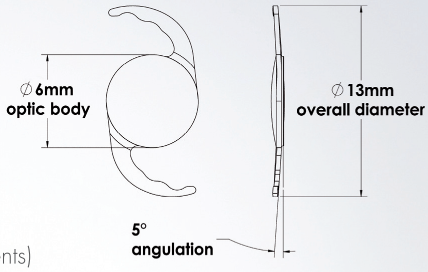
The Seelens AF provides protection for the retina, by filtering light of wavelength below 400 nm

Mini Incision implantation



- Easily and safely injected through an incision as small as 1.8 mm
- Lower surgically induced astigmatism
- Fast recovery after surgery, less inflammation
- Less trauma to the cornea and the eye
- Less endothelial cell loss

Technical Specifications



Overall diameter	13.0 mm
Optic diameter	6.0 mm
Haptic angulation	5°
Optic design	Aspheric
Edge design	360° Continuous Square Edge
Power range	- 5.0 to +5.0 (1D increments)
	+5.5 to +30.0 (0.5 D increments)
	+31.0 to +40.0 (1D increments)
Material	Hydrophilic Acrylic HEMA/EOEMA copolymer
Filtration	UV Blocker and violet light filter
Refractive Index	1.46 (hydrated @ 35°c)
Y.A.G laser	Compatible
Estimated A constant	SRK/T IOLMASTER biometry: 119.1*
	SRK/T US biometry: 118.76*
Placement	Capsular Bag

CE Approved

* It is recommended that surgeons personalize their A-constant based on their surgical techniques and equipment, experience and post-operative results.
For more information please visit Hanita Lenses web site.

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VISIBLE PERFECTION

T1023 02/13

ISO 9001:2008 · ISO 13485:2003

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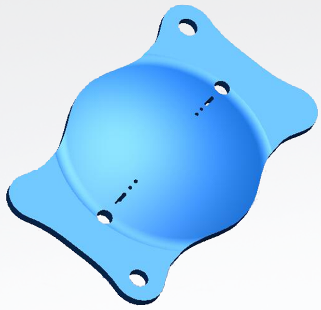
Hanita
Lenses
VisTor
The Premium Toric Solution
VISIBLE
PERFECTION

VisTor(TM) is an aspheric toric IOL that provides a premium solution for cataract surgery.
With **VisTor**, surgeons can both restore and improve on cataract-impaired vision by also correcting pre-existing refractive astigmatism. **VisTor** is provided in an extended range of powers and cylinders for each degree of astigmatism correction required.

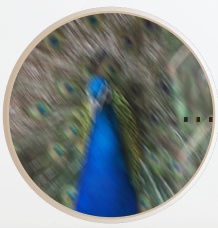


Advanced Optical Design

Leveraging Hanita Lenses' decades-long experience in developing advanced IOLs, **VisTor**'s optical design is based on Hanita Lenses' clinically proven aspheric IOL. The optical profile of the **VisTor** lens was calculated using ZEMAX™ simulation software in order to minimize all aberrations, including the spherical aberration of the cornea, and to optimize the Modulation Transfer Function (MTF).

The optical design of the **VisTor** lenses utilized the advanced Arizona Eye model (1), the premier model for toric lens design due to its close correspondence to clinical levels of aberrations, both on and off-axis. In this eye model, unlike others, the retina curvature is designed to split the tangential and sagittal foci off-axis, providing an optimal platform for correction of toric aberration. The result is an accurate simulation of the visual performance of the VisTor in the post-operative eye.

(1) Field guide to Visual and Ophthalmic optics: Jim Schwiegerling, November 2004



Vision of an astigmatic patient after implantation of a standard IOL

Vision of an astigmatic patient after implantation of a **VisTor** IOL

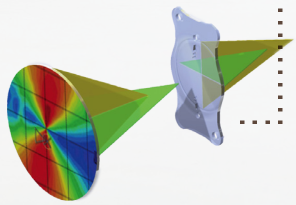


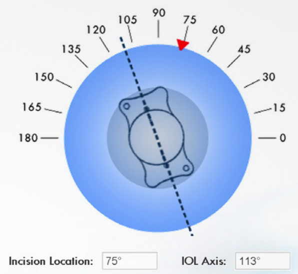
Illustration of toric IOL optical performance

The VisTor(TM) advantage

- Premium solution for correction of astigmatism in cataract patients
- Reduces spherical aberration to a minimum
- Improves night vision
- Designed with the most advanced optical tools and models

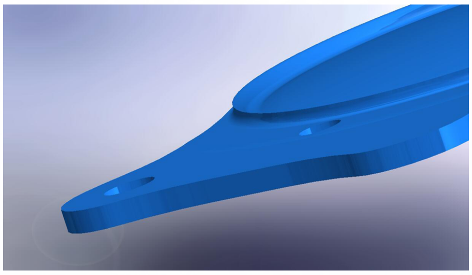
VisTor(TM) IOL Calculator

Placement of the IOL is determined by the VisTor IOL Calculator, which uses an advanced formula based on Hanita Lenses' vast experience and data collected over many years by the company. The calculator is available at \\ www.hanitalenses.com \\



Geometrical Design

- VisTor ensures excellent stability and centration due to the plate design
- High level of rotational stability is achieved due to the wide angle of contact with the capsular bag



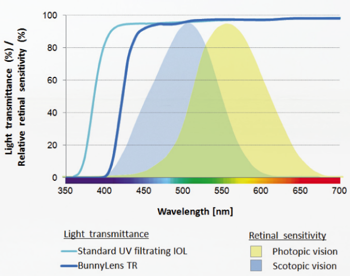
Lower PCO

A 360° continuous square edge minimizes PCO.

Material

VisTor is made of a hydrophilic acrylic material proven in many years of clinical experience. Characterized by excellent biocompatibility and mechanical quality. Incorporates a violet filtering chromophore for improved retina protection.

Light filtration of the VisTor

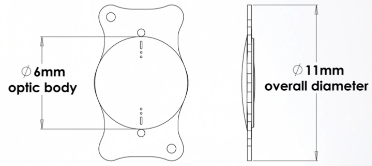


Micro-Incision Implantation

- Easily and safely injected through an incision as small as 1.8 mm
- Reduces surgically induced astigmatism
- Fast post-surgical recovery, with less inflammation
- Less trauma to the eye
- Less endothelial cell loss

Technical Specifications

Overall diameter..............................11.0 mm
Optic diameter................................6.0 mm
Haptic angulation...........................0°
Edge design...................................360° continuous square edge
Optic design...................................Aspheric with toric surface on anterior plane
Standard range
Power (spherical equivalent)*.................+10.0D to +30.0D (0.5D increments)
Cylinders*...................................... +1.0D to +6.0D (0.5D increments)
Material...Hydrophilic Acrylic HEMA/EOEMA copolymer
Filtration..UV blocker and violet light filter
Refractive index..............................1.46 (hydrated @ 35° C)
Y.A.G. laser....................................Compatible
Placement......................................Capsular bag
CE Approved



* Additional power/cylinder range can be supplied by special order

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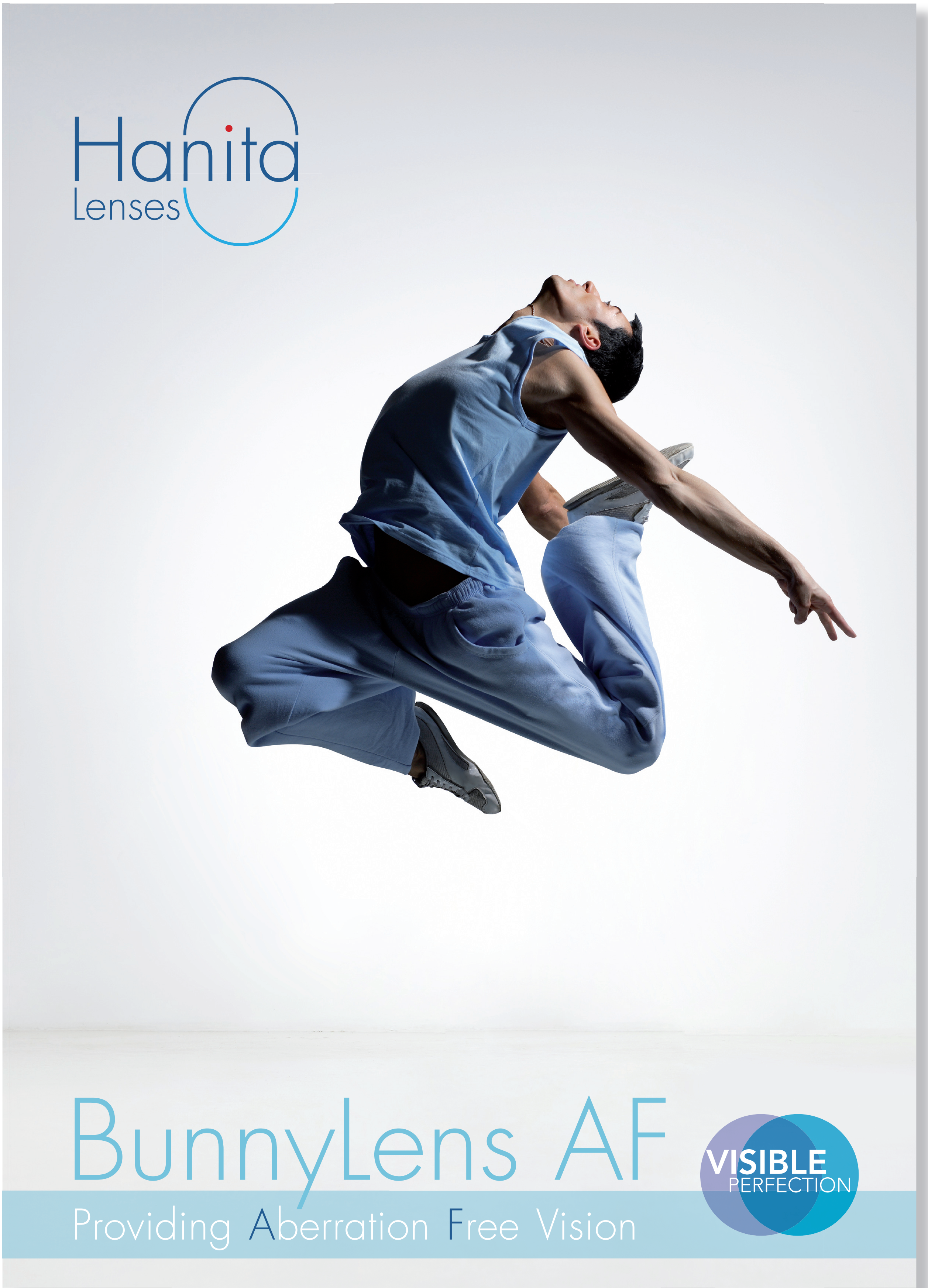
Hanita
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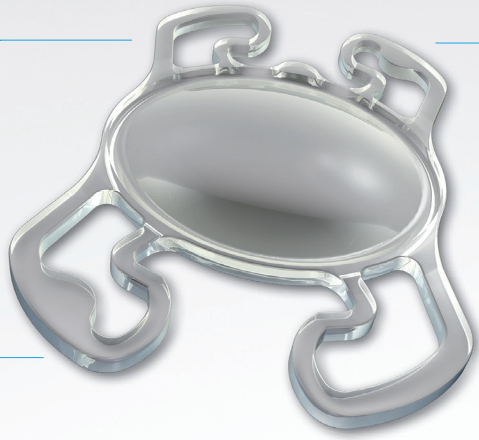
BunnyLens AF
Providing Aberration Free Vision
VISIBLE
PERFECTION

BunnyLens AF, the new Aspheric Intraocular lens from Hanita Lenses, provides the patient with an excellent vision quality at day and night conditions, by using state-of-the-art aberration free aspheric optical design.



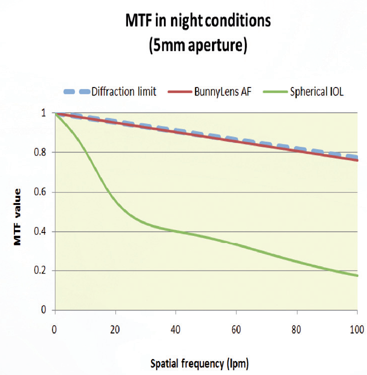
Advanced Optical Design

The aspheric BunnyLens AF was designed using the most advanced tools by a professional R&D team of optical and mechanical engineers. The optical profile of the BunnyLens AF was calculated using ZEMAX™ software – a simulating tool for the optical design optimization. Calculations were aimed to minimize all aberrations, including the spherical aberration of the cornea, and to optimize the MTF (Modulated Transfer Function).

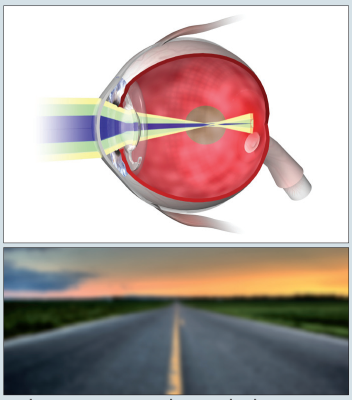
Eye Model

The Optical design of BunnyLens AF was performed using the advanced Arizona eye model [1]. The parameters and dimensions of the eye model are consistent with average human data. The model was designed to match clinical levels of aberrations, both on and off axis. The retina curvature is designed to split the tangential and sagittal foci off-axis. The result is an accurate simulation of the visual performance of the BunnyLens AF in the Post-operative eye.

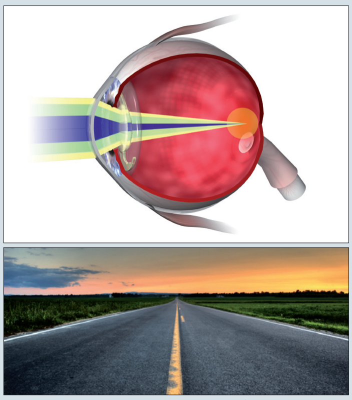
[1] Field Guide to Visual and Ophthalmic Optics, Jim Schwiegerling; Nov 2004



The BunnyLens AF design provides excellent optical quality at night conditions, near the theoretical limit



Spheric Lens - Spherical aberration

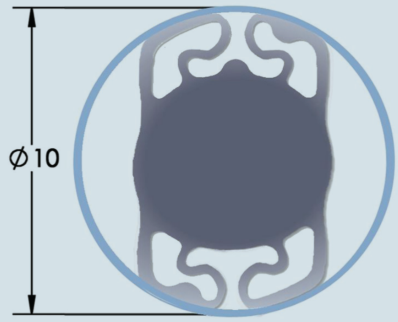


Seelens HP - Aberration free

- **BunnyLens AF** reduces spherical aberration to minimum
- **BunnyLens AF** Improves functional vision
- **BunnyLens AF** Improves night vision
- **BunnyLens AF** designed with the most advanced optical tools

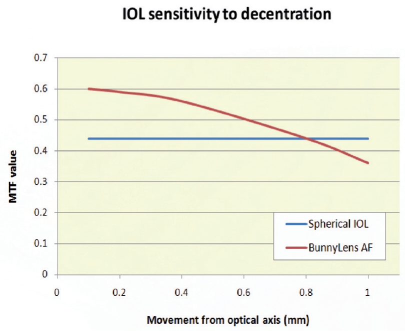
Geometrical Design

- BunnyLens AF ensures excellent stability and centration due to 4-point-haptic design.
- 360° continuous square edge in order to minimize PCO.

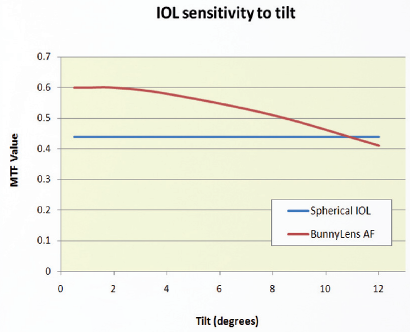


The unique geometry of the BunnyLens AF maintains excellent stability while the capsule contracts.

Stability and Centration



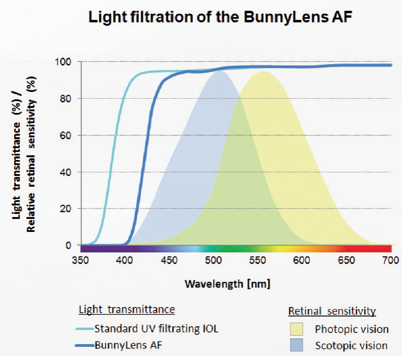
The BunnyLens AF design provides a visual advantage over spherical lens even if decentered up to 0.8 mm



The BunnyLens AF design provides a visual advantage over spherical lens even if tilted up to 10.9 degrees

Material

- The BunnyLens AF is made of a hydrophilic acrylic material, with proven reputation and many years of clinical experience.
- The BunnyLens AF is characterized by excellent biocompatibility and mechanical quality.
- The BunnyLens AF material incorporates a violet filtering chromophore for better protection of the retina.

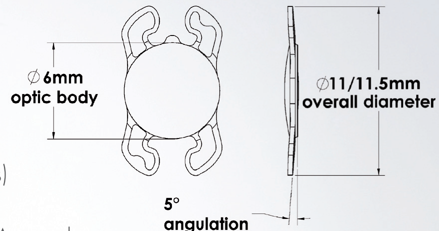


The BunnyLens AF provides protection for the retina, by blocking light of wavelength below 400 nm

Mini Incision implantation

- Easily and safely injected through an incision as small as 1.8 mm
- Lower surgically induced astigmatism
- Fast recovery after surgery, less inflammation
- Less trauma to the cornea and the eye
- Less endothelial cell loss

Technical Specifications



Overall diameter	11.0 mm (10D and above); 11.5 for lower D
Optic diameter	6.0 mm
Haptic angulation	5°
Optic design	Aspheric
Edge design	360° Continuous Square Edge
Power range	- 5.0 to +10.0 (1D increments)
	+10.5 to +30.0 (0.5 D increments)
	+31.0 to +40.0 (1D increments)
Material	Hydrophilic Acrylic HEMA/EOEMA copolymer
Filtration	UV Blocker and violet light filter
Refractive Index	1.46 (hydrated @ 35°c)
Y.A.G laser	Compatible
Estimated A constant	SRK/T IOLMASTER biometry: 118.5*
	SRK/T US biometry: 118.16*
Placement	Capsular Bag

CE Approved

* It is recommended that surgeons personalize their A-constant based on their surgicaltechniques and equipment, experience and post-operative results. For more information please visit Hanita Lenses web site.

Hanita Lenses

Hanita Lenses is a worldwide trusted manufacturer and provider of intraocular lens solutions for cataract surgery.
With more then 30 years of experience in meeting the varied needs of ophthalmic surgeons, the Hanita Lenses name is synonimus with high quality, reliability and service.

VISIBLE PERFECTION

T1600 07/12

ISO 9001:2008 · ISO 13485:2003

Hanita Lenses

www.hanitalenses.com e.mail: marketing@ hanitalenses.com
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Kibutz Hanita 22885 Tel: +972 4 9950700 Fax. +972 4 9950755

Hanita Lenses — Hanita Lenses Marketing R.C.A Ltd.• שיווק עדשות חנית אגש"ח בע"מ

Relations between optimized constants for Hanita Lenses IOLs

	Formula		SRK/T	SRK II	Hoffer Q	Holladay 1	Haigis		
	Constant		A Constant	A Constant	pACD	Surgeon Factor	a0	a1	a2
Hydrophilic Aspheric	SeeLens AF[1]	IOL MASTER	119.1	119.53	5.58	1.8	1.375	0.4	0.1
		US BIOMETRY	118.76	119.1	5.37	1.58	1.15	0.4	0.1
	BunnyLens AF[1]	IOL MASTER	118.5	118.78	5.2	1.42	0.978	0.4	0.1
		US BIOMETRY	118.16	118.35	4.98	1.2	0.753	0.4	0.1
Hydrophobic Aspheric	SeeLens HP[1]	IOL MASTER	119.5	120.03	5.84	2.06	1.64	0.4	0.1
		US BIOMETRY	119.16	119.6	5.62	1.84	1.415	0.4	0.1
	BunnyLens HP[1]	IOL MASTER	118.5	118.78	5.2	1.42	0.978	0.4	0.1
		US BIOMETRY	118.16	118.35	4.98	1.2	0.753	0.4	0.1
Hydrophilic Multifocal	SeeLens MF[1]	IOL MASTER	118.6	118.9	5.26	1.48	1.044	0.4	0.1
		US BIOMETRY	118.26	118.48	5.05	1.27	0.819	0.4	0.1
	BunnyLens MF[1]	IOL MASTER	118.5	118.78	5.2	1.42	0.978	0.4	0.1
		US BIOMETRY	118.16	118.35	4.98	1.2	0.753	0.4	0.1
Hydrophilic Spheric	B-Lens[2]	IOL MASTER	118.54	118.83	5.23	1.44	1.004	0.4	0.1
		US BIOMETRY	118.2	118.4	5.01	1.23	0.779	0.4	0.1
	SeeLens[2]	IOL MASTER	118.6	118.9	5.26	1.48	1.044	0.4	0.1
		US BIOMETRY	118.26	118.48	5.05	1.27	0.819	0.4	0.1
	BunnyLens[2]	IOL MASTER	118.54	118.83	5.23	1.44	1.004	0.4	0.1
		US BIOMETRY	118.2	118.4	5.01	1.23	0.779	0.4	0.1

[1] IOL constant was evaluated using IOL master and the SRK/T formula, relations between constants - http://www.augenklinik.uni-wuerzburg.de/scripts2/ciolc.php

[2] IOL constant was evaluated using US biometry and the SRK/T formula, relations between optical and us biometry - http://www.augenklinik.uni-wuerzburg.de/ulib/relat.htm

- It is recommended that surgeons personalize their IOL constant based on their surgical techniques and equipment, experience and post-operative results.

OD/55.003 271111

Hanita Lenses Marketing R.C.A Ltd • שיווק עדשות חנית אגש"ח בע"מ
Kibbutz Hanita 22885 Israel • Tel. 972-4-9950700 • Fax: 972-4-9950755 • www.hanitalenses.com • קיבוץ חנית 22885

Hanita Lenses

AssiAnchor

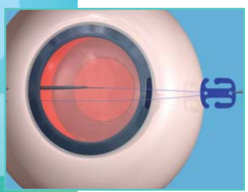
Novel Capsular Anchor Device

Attributes

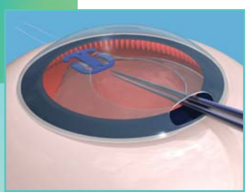
Hanita Lenses novel capsular anchor device
Securing the capsular bag to the scleral wall

- Enables cataract surgery for subluxated lens
- Centers subluxated capsule
- Provides a wide contact between the device and the anterior capsule
- CE approved

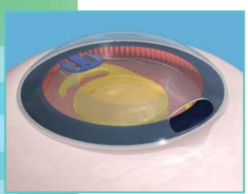
Simple implantation *



A conventional phaco-incision (min 2,5 mm) is performed, followed by a capsulorhexis. Easy AssiAnchor insertion and fixation using a suture

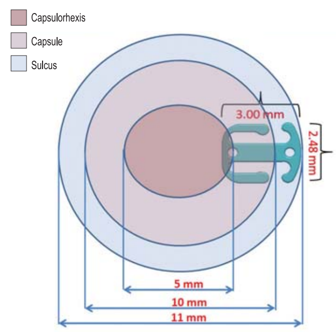


The AssiAnchor clips to the capsule.The capsule is centered and secured to the scleral wall



Phacoemulsification procedure can be easily performed, followed by IOL implantation

Capsule, Sulcus[1,2] and AssiAnchor dimensions



Ref [1,2]

1. Assia E.I., Apple D.J.:
Side-View Analysis of the Lens.
Part I: The Crystalline Lens and the Evacuated Bag
Arch. Ophthalmol. 1992; 110: 89-93.

2. Assia E.I., Apple D.J.:
Side-View Analysis of the Lens
Part II: Positioning of Intraocular Lenses.
Arch. Ophthalmol. 1992; 110: 94-98.

Specifications

Material: Blue tinted PMMA
YAG laser: compatible

Developed with Prof. E.Assia, Israel

* For detailed clinical instructions please contact Hanita Lenses

T1022 07/08

CE 0473

ISO 9001 : 2000 • ISO 13485 : 2003 •

Hanita Lenses

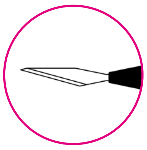
www.hanitalenses.com • email: marketing@hanitalenses.com

Hanita Lenses • Intraocular & Contact Lenses • Kibbutz Hanita 22885 Israel • Tel. 972 4 9950700 • Fax. 972 4 9950755


MANI®
Ophthalmic
Knife
Crosslapped Edge
Crosslapped edge provides better sharpness
The material is strong and break-resistant
MANI's original hard fiber stainless steel
MANI
SURGICAL

MANI® Ophthalmic Knife

Straight Knife
6pcs/box

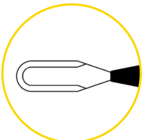


MST

actual size

Product Name	ORDER#
Straight 15.0°	MST15
Straight 22.5°	MST22
Straight 30.0°	MST30
Straight 45.0°	MST45

Crescent Knife
Angle = 60° 6pcs/box



MCU·MCD·MCS
MCB

actual size

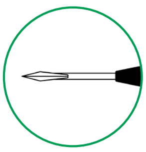
Product Name (Blade Width)	ORDER#
Crescent Bevel Up (2.3mm)	MCU26
Crescent Bevel Up (2.0mm)	MCU20
Crescent Bevel Down (2.3mm)	MCD26
Crescent Straight (2.3mm)	MCS26

Mini Crescent Knife
Angle = 25° 6pcs/box

Product Name (Blade Width)	ORDER#
Crescent Double Bevel (1.0mm)	MCB10
Crescent Double Bevel (1.25mm)	MCB12

MVR Knife
Angle = 45° 6pcs/box

※ 1. MVR25 can go inside 23G infusion cannula and be used for membrane peeling.
※ 2. MPK25 can go inside 25G infusion cannula and be used for membrane peeling.



MVR·MPK

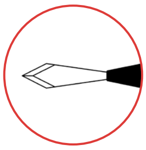
actual size

Product Name (Blade Width)	ORDER#
MVR-Lance 19G (1.5mm)	MVR19
MVR-Lance 20G (1.2mm)	MVR20
MVR-Lance 23G (0.9mm)	MVR23
MVR-Lance 24G (0.8mm)	MVR24
MVR-Lance 25G※1 (0.55mm)	MVR25
MVR-Angled 19G (1.5mm)	MVR19A
MVR-Angled 20G (1.2mm)	MVR20A
MVR-Angled 21G (1.1mm)	MVR21A
MVR-Angled 23G (0.9mm)	MVR23A
MVR-Angled 24G (0.8mm)	MVR24A
MVR-Angled 23G (0.7mm)	MVR23AD
Port Knife 25G※2 (0.45mm)	MPK25

The crosslapped edge made of MANI's original hard fiber stainless steel produces the ultimate in sharpness.

Slit Knife

Angle = 45° 6pcs/box



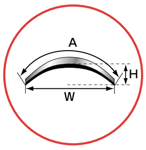
MSL・MSS

actual size

Product Name	ORDER#
Slit Angled 1.0mm	MSL10
Slit Angled 1.1mm	MSL11
Slit Angled 1.2mm	MSL12
Slit Angled 1.3mm	MSL13
Slit Angled 1.4mm	MSL14
Slit Angled 1.6mm	MSL16
Slit Angled 1.8mm	MSL18
Slit Angled 1.9mm	MSL19
Slit Angled 2.0mm	MSL20
Slit Angled 2.1mm	MSL21
Slit Angled 2.2mm	MSL22
Slit Angled 2.3mm	MSL23
Slit Angled 2.4mm	MSL24
Slit Angled 2.5mm	MSL25
Slit Angled 2.65mm	MSL26
Slit Angled 2.75mm	MSL27
Slit Angled 2.8mm	MSL28
Slit Angled 2.9mm	MSL29
Slit Angled 3.0mm	MSL30
Slit Angled 3.2mm	MSL32
Slit Angled 3.5mm	MSL35
Slit Straight 1.0mm	MSS10
Slit Straight 2.8mm	MSS28
Slit Straight 3.0mm	MSS30

Arched Knife

Angle = 45° 6pcs/box



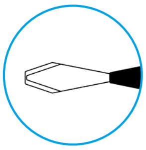
MSL--AB

Product Name (Blade Width)	ORDER#
Slit Angled 1.8mm Arched (A 1.8mm W 1.7mm H 0.3mm)	MSL18AB
Slit Angled 2.0mm Arched (A 2.0mm W 1.85mm H 0.35mm)	MSL20AB
Slit Angled 2.2mm Arched (A 2.2mm W 2.05mm H 0.35mm)	MSL22AB
Slit Angled 2.5mm Arched (A 2.5mm W 2.4mm H 0.35mm)	MSL25AB
Slit Angled 2.65mm Arched (A 2.65mm W 2.5mm H 0.35mm)	MSL26AB
Slit Angled 2.8mm Arched (A 2.8mm W 2.6mm H 0.4mm)	MSL28AB
Slit Angled 3.0mm Arched (A 3.0mm W 2.8mm H 0.45mm)	MSL30AB
Slit Angled 3.2mm Arched (A 3.2mm W 3.0mm H 0.55mm)	MSL32AB
Slit Angled 3.4mm Arched (A 3.4mm W 3.2mm H 0.55mm)	MSL34AB

MANI® Ophthalmic Knife

R Slit Knife (Implant)

Angle = 45° 6pcs/box



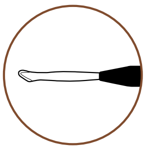
MRS

actual size

Product Name	ORDER#
R Slit Angled 2.6mm	MRS26
R Slit Angled 3.2mm	MRS32
R Slit Angled 3.5mm	MRS35
R Slit Angled 3.75mm	MRS37
R Slit Angled 4.1mm	MRS41
R Slit Angled 5.2mm	MRS52
R Slit Angled 5.5mm	MRS55

Golf/Scleral Knife

6pcs/box



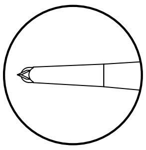
MGL

actual size

Product Name	ORDER#
Golf/Scleral 2.4mm	MGL24

LRI Knife

6pcs/box



MLR

actual size

Product Name	ORDER#
LRI 550µm (0.55mm)	MLR55
LRI 600µm (0.60mm)	MLR60

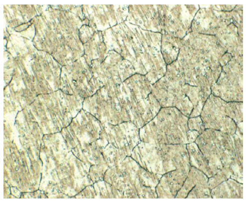
The crosslapped edge made of MANI's original hard fiber stainless steel produces the ultimate in sharpness.

The details of "Ultimate in Sharpness"

Material

MANI's original hard fiber stainless steel (Austenite Stainless Steel) is a source of strength and which has ensured thin but strong edge. (Edge thickness of crescent knife MANI: 0.14mm Company A : 0.18mm)

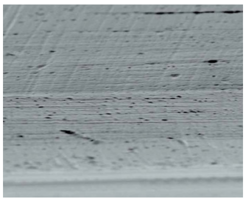
Structure of MANI hard fiber stainless steel



Structure of other's stainless steel

Processing

MANI fine-processing technique has created the crosslapped edge,which provides excellent sharpness and consistent quality. (Crosslapped edge:polishing direction is vertical of the edge)



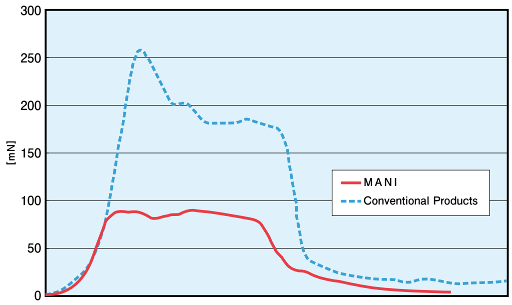
MANI crosslapped edge

Other's edge

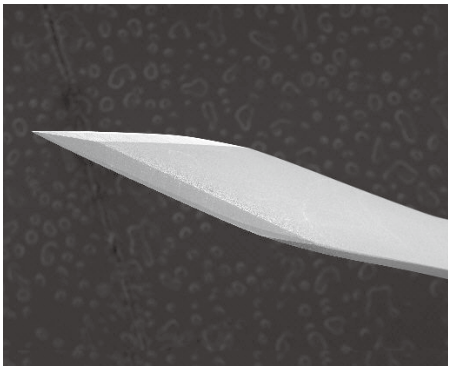
Sharpness

MANI has intensively focused on cutting quality in developing our ophthalmic knives. The edge created by the original processing techniques provides "Ultimate in Sharpness" and minimizes tissue damage.

Penetration test by pig's sclera



—Wide Variety of Colors and Models—



—Micro Sharpening Technology—
(Enlarged photo of MANI Ophthalmic Knife)

Do you know this is another MANI?
MANI surgical needles occupy 70% and above of total production volume in Japan and 90% and above of export sales from Japan.
In addition, MANI files and reamers occupy 35% and above in the global market.

MANI wishes human good health and contributes to the medical treatment in the world. Instruments of MANI obtain deep trust at medical treatment sites more than 120 countries in the world for over 50 years.

THE BEST QUALITY IN THE WORLD, TO THE WORLD.

MANI Insturments are distributed to medical field through following channels.

·Excellent Medical wholesalers in Domestic & Foreign market.
·Excellent Export Trading Companies.

http://www.mani.co.jp E-mail:ophthalmic@ms.mani.co.jp

▲MANI TAKANEZAWA Factory

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Phone:+81286677565 Fax:+81286676177

0 00612 (121203)


MANI®
マニーオフサルミックスーチャー
Ophthalmic
Sutures
究極の切味
クロスラップエッジ
刃に、直交研磨(Crosslapped edge)することが
切味を良くする秘訣
Crosslapped edge provides better sharpness
刃の材料は強くて折れにくい
マニーハードファイバーステンレススチール
The material is strong and break-resistant
MANI's original hard fiber stainless steel
MANI
SURGICAL

MANI SURGICAL

マニーオフサルミックスーチャー

MANI® Ophthalmic Sutures

11－0 (0.1metric) 針付縫合糸 Needled Sutures

縫合糸 Suture 種類 Description	縫合糸 Suture 長さ Length	縫合針 Needles 実物大形状 Actual size	縫合針 Needles 断面・刃形 Edgemark	縫合針 Needles 針長さ Length (mm)	縫合針 Needles 弯曲 Curve	縫合針 Needles 針太さ Diam. (mm)	縫合針 Needles 針記号 Code	主な適用症例 Main Application	品番 Order No.
ナイロン ブラック・モノ Nylon Black Mono	13cm	片端針 Single-armed	丸 Taper point	4.0	3/8 135°	0.05	OE04-05	実験用 For laboratories	0550S
	20cm		ヘラ Trape spatula	5.5	7/16 158°	0.10	ZG055-10	強角膜縫合 Sclerocornea	1000
	10cm	片端針 Single-armed		5.5	7/16 158°	0.10	ZG055-10		1000S
	20cm			5.5	7/16 158°	0.14	ZG055-14		1403
	30cm			5.5	7/16 158°	0.14	ZG055-14		1476
	15cm	片端針 Single-armed	↓	6.0	3/8 135°	0.14	ZE06-14	↓	1478S

10－0 (0.2metric) 針付縫合糸 Needled Sutures

種類 Description	長さ Length	実物大形状 Actual size	断面・刃形 Edgemark	針長さ Length (mm)	弯曲 Curve	針太さ Diam. (mm)	針記号 Code	主な適用症例 Main Application	品番 Order No.
ナイロン ブラック・モノ Nylon Black Mono	30cm		ヘラ Trape spatula	5.0	Bi-curve 90° / 50°	0.14	ZB05-14	強角膜縫合 Sclerocornea	1401
	15cm	片端針 Single-armed		5.0	Bi-curve 90° / 50°	0.14	ZB05-14		1401S
	20cm			5.0	Bi-curve 90° / 50°	0.14	ZB05-14		1474
	30cm			5.5	7/16 158°	0.10	ZG055-10		1001
	30cm			5.5	7/16 158°	0.14	ZG055-14		1404
	15cm	片端針 Single-armed		5.5	7/16 158°	0.14	ZG055-14		1404S
	15cm			5.5	7/16 158°	0.14	ZG055-14		1482
	30cm			5.5	7/16 158°	0.20	ZG055-20		2000
	30cm			6.0	3/8 135°	0.14	ZE06-14		1406
	15cm	片端針 Single-armed		6.0	3/8 135°	0.14	ZE06-14		1406S
	6cm	片端針 Single-armed		6.0	3/8 135°	0.14	ZE06-14		1468S
	15cm			6.0	3/8 135°	0.14	ZE06-14		1452
	30cm			6.5	3/8 135°	0.20	ZE065-20		2002
	15cm	片端針 Single-armed		6.5	3/8 135°	0.20	ZE065-20		2002S
	30cm			7.0	1/2 180°	0.14	ZH07-14		1410
	15cm	片端針 Single-armed	↓	7.0	1/2 180°	0.14	ZH07-14	↓	1410S
	20cm	片端針 Single-armed	丸 Taper point	4.0	3/8 135°	0.10	TE04-10	緑内障結膜縫合	1053S
	20cm	片端針 Single-armed		5.0	3/8 135°	0.10	TE05-10	Conjunctiva for Glaucoma	1052S
	30cm			5.5	7/16 158°	0.14	TG055-14		1475
	45cm		↓	6.0	3/8 135°	0.14	TE06-14	↓	1459
ポリエステル グリーン・モノ Polyester Green Mono	30cm		ヘラ Trape spatula	5.5	7/16 158°	0.14	ZG055-14	強角膜縫合 Sclerocornea	1411
	30cm			6.0	3/8 135°	0.14	ZE06-14		1412
	30cm		↓	6.5	3/8 135°	0.20	ZE065-20	↓	2017

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10－０（0.2metric）針付縫合糸　Needled Sutures

縫合糸 Suture 種類 Description	長さ Length	縫合針 Needles 実物大形状 Actual size	断面・刃形 Edgemark	針長さ Length (mm)	弯曲 Curve	針太さ Diam. (mm)	針記号 Code	主な適用症例 Main Application	品番 Order No.
ポリプロピレン ブルー・モノ Polypropylene Blue Mono	30cm		ヘラ Trape spatula	5.5	7/16 158°	0.14	ZG055-14	強角膜縫合 Sclerocornea	**1415**
	30cm			6.0	3/8 135°	0.14	ZE06-14		**1417**
	15cm	片端針 Single-armed		6.0	3/8 135°	0.14	ZE06-14		**1417S**
	30cm			6.5	3/8 135°	0.20	ZE065-20		**2021**

9－０（0.3metric）針付縫合糸　Needled Sutures

種類 Description	長さ Length	実物大形状 Actual size	断面・刃形 Edgemark	針長さ Length (mm)	弯曲 Curve	針太さ Diam. (mm)	針記号 Code	主な適用症例 Main Application	品番 Order No.
ナイロン ブラック・モノ Nylon Black Mono	30cm		ヘラ Trape spatula	5.0	Bi-curve 90° / 50°	0.14	ZB05-14	強角膜縫合 Sclerocornea	**1402**
	30cm			5.5	7/16 158°	0.14	ZG055-14		**1405**
	30cm			6.0	3/8 135°	0.14	ZE06-14		**1407**
	15cm	片端針 Single-armed		6.0	3/8 135°	0.14	ZE06-14		**1407S**
	30cm			6.5	3/8 135°	0.20	ZE065-20		**2003**
	15cm	片端針 Single-armed		6.5	3/8 135°	0.20	ZE065-20		**2003S**
バージンシルク ブルー・ツイスト Virgin Silk Blue Twisted	45cm			5.5	7/16 158°	0.14	ZG055-14		**1453**
	45cm			6.0	3/8 135°	0.14	ZE06-14		**1413**
	20cm	片端針 Single-armed		6.0	3/8 135°	0.14	ZE06-14		**1413S**
	15cm			6.0	3/8 135°	0.14	ZE06-14		**1480**
	45cm			6.5	3/8 135°	0.20	ZE065-20		**2020**
	20cm	片端針 Single-armed		6.5	3/8 135°	0.20	ZE065-20		**2020S**
	45cm		丸 Taper point	6.0	3/8 135°	0.14	TE06-14	緑内障結膜縫合 Conjunctiva for Glaucoma	**1450**
ポリプロピレン ブルー・モノ Polypropylene Blue Mono	30cm		ヘラ Trape spatula	5.5	7/16 158°	0.14	ZG055-14	強角膜縫合 Sclerocornea	**1416**
	30cm			6.0	3/8 135°	0.14	ZE06-14		**1418**
	30cm			6.5	3/8 135°	0.20	ZE065-20		**2022**

8－０（0.4metric）針付縫合糸　Needled Sutures

種類 Description	長さ Length	実物大形状 Actual size	断面・刃形 Edgemark	針長さ Length (mm)	弯曲 Curve	針太さ Diam. (mm)	針記号 Code	主な適用症例 Main Application	品番 Order No.
ナイロン ブラック・モノ Nylon Black Mono	30cm		ヘラ Trape spatula	5.5	7/16 158°	0.14	ZG055-14	強膜縫合 Sclera	**1421**
	30cm			6.5	1/4 90°	0.20	ZK065-20		**2054**
	30cm			6.5	3/8 135°	0.20	ZE065-20		**2056**
	30cm			7.0	1/2 180°	0.20	ZH07-20		**2028**
	50cm		逆三角 Reverse cut	11.0	3/8 135°	0.24	RE11-24	皮膚縫合 Skin	**2461**
	50cm	片端針 Single-armed		11.0	3/8 135°	0.24	RE11-24		**2461S**

2　※片端針の表示が無いものは全て両端針です。　1箱12本入　12pcs. / box

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8－0 （0.4metric）針付縫合糸　Needled Sutures

縫合糸 Suture 種類 Description	長さ Length	縫合針 Needles 実物大形状 Actual size	断面・刃形 Edgemark	針長さ Length (mm)	弯曲 Curve	針太さ Diam. (mm)	針記号 Code	主な適用症例 Main Application	品番 Order No.
バージンシルク ブルー・ツイスト Virgin Silk Blue Twisted	45cm		ヘラ Trape spatula	6.0	3/8 135°	0.14	ZE06-14	強膜・結膜縫合 Sclera and Conjunctiva	1419
	45cm			6.5	3/8 135°	0.20	ZE065-20		2024
	20cm	片端針 Single-armed		6.5	3/8 135°	0.20	ZE065-20		2024S
	30cm			6.5	3/8 135°	0.20	ZE065-20		2051
	45cm			7.0	1/2 180°	0.20	ZH07-20		2019
	45cm		丸 Taper point	6.0	3/8 135°	0.14	TE06-14	緑内障結膜縫合 Conjunctiva for Glaucoma	1466
シルク ブラック・ブレイド Silk Black Braided	45cm		ヘラ Trape spatula	6.0	3/8 135°	0.18	ZE06-18	強膜・結膜縫合 Sclera and Conjunctiva	1467
	45cm			6.5	3/8 135°	0.20	ZE065-20		2023
	20cm	片端針 Single-armed		6.5	3/8 135°	0.20	ZE065-20		2023S
PGA吸収糸バイオレット・ブレイド PGA ABSORBABLE Violet Braided	30cm			6.0	3/8 135°	0.14	ZE06-14		1490
	30cm			6.5	3/8 135°	0.20	ZE065-20		2090
	30cm		丸 Taper point	6.0	3/8 135°	0.14	TE06-14		1491

7－0 （0.5metric）針付縫合糸　Needled Sutures

種類 Description	長さ Length	実物大形状 Actual size	断面・刃形 Edgemark	針長さ Length (mm)	弯曲 Curve	針太さ Diam. (mm)	針記号 Code	主な適用症例 Main Application	品番 Order No.
ナイロン ブラック・モノ Nylon Black Mono	30cm		ヘラ Trape spatula	5.5	7/16 158°	0.14	ZG055-14	強膜縫合 Sclera	1457
	30cm			6.5	3/8 135°	0.20	ZE065-20		2058
	45cm			8.0	3/8 135°	0.28	ZE08-28		2855
	45cm	片端針 Single-armed	逆三角 Reverse cut	7.0	3/8 135°	0.24	RE07-24	皮膚縫合 Skin	2455S
	50cm	片端針 Single-armed		9.0	3/8 135°	0.24	RE09-24		2457S
	30cm			11.0	3/8 135°	0.24	RE11-24		2463
	30cm		形成ヘラ Lancet	8.0	3/8 135°	0.33	PE08-33		3361
	45cm	片端針 Single-armed		8.0	3/8 135°	0.33	PE08-33		3361S
	50cm			11.0	3/8 135°	0.33	PE11-33		3364
	50cm	片端針 Single-armed		11.0	3/8 135°	0.33	PE11-33		3364S
	30cm		丸、先端カット Y Cut taper	15.0	3/8 135°	0.33	YE15-33	二重瞼形成 Repositioning of Palpebral furrow	3365
ナイロン　クリアー・モノ Nylon Clear Mono	30cm		Y	15.0	3/8 135°	0.33	YE15-33		3388
シルク ブラック・ブレイド Silk Black Braided	45cm		ヘラ Trape spatula	6.5	3/8 135°	0.20	ZE065-20	強膜・結膜縫合 Sclera and Conjunctiva	2008
	30cm			6.5	3/8 135°	0.20	ZE065-20		2063
	30cm	片端針 Single-armed		6.5	3/8 135°	0.20	ZE065-20		2008S
	45cm	片端針 Single-armed		8.0	1/2 180°	0.20	ZH08-20		2062S
	50cm	片端針 Single-armed	形成ヘラ Lancet	7.0	3/8 135°	0.28	PE07-28	皮膚縫合 Skin	2860S
シルク　ホワイト・ブレイド Silk White Braided	45cm	片端針 Single-armed	ヘラ Trape spatula	8.0	1/2 180°	0.20	ZH08-20	強膜・結膜縫合 Sclera and Conjunctiva	2068S
PGA吸収糸 バイオレット・ブレイド PGA ABSORBABLE Violet Braided	30cm			6.5	3/8 135°	0.20	ZE065-20		2091
	45cm			5.5	7/16 158°	0.20	ZG055-20		2092

3　※片端針の表示が無いものは全て両端針です。　1箱12本入　12pcs. / box

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6－0 （0.7metric）針付縫合糸　Needled Sutures

縫合糸 Suture: 種類 Description	縫合糸 Suture: 長さ Length	縫合針 Needles: 実物大形状 Actual size	縫合針 Needles: 断面・刃形 Edgemark	縫合針 Needles: 針長さ Length (mm)	縫合針 Needles: 弯曲 Curve	縫合針 Needles: 針太さ Diam. (mm)	縫合針 Needles: 針記号 Code	主な適用症例 Main Application	品番 Order No.
ナイロン ブラック・モノ Nylon Black Mono	45cm		ヘラ Trape spatula	8.0	3/8 135°	0.28	ZE08-28	強膜・結膜縫合 Sclera・Ocular muscles	2854
	45cm		↓	8.0	7/16 158°	0.28	ZG08-28	↓	2859
	30cm		逆三角 Reverse cut	13.0	3/8 135°	0.28	RE13-28	皮膚・筋肉縫合 Skin・Ocular muscles	2808
	20cm	片端針 Single-armed	↓	13.0	3/8 135°	0.28	RE13-28		2808S
	30cm	片端針 Single-armed	形成ヘラ Lancet	7.0	3/8 135°	0.33	PE07-33		3379S
	50cm	片端針 Single-armed		8.0	1/2 180°	0.33	PH08-33		3362S
	45cm	片端針 Single-armed		11.0	1/2 180°	0.33	PH11-33		3381S
	50cm			11.0	3/8 135°	0.33	PE11-33		3382
	45cm	片端針 Single-armed		11.0	3/8 135°	0.33	PE11-33		3382S
	45cm	片端針 Single-armed		11.0	3/8 135°	0.38	PE11-38		3853S
	45cm	片端針 Single-armed	↓	13.0	1/2 180°	0.33	PH13-33	↓	3363S
	30cm		丸、先端カット Cut taper	15.0	3/8 135°	0.33	YE15-33	二重瞼形成 Repositioning of Palpebral furrow	3386
ナイロン　クリアー・モノ Nylon Clear Mono	50cm		形成ヘラ Lancet	11.0	3/8 135°	0.33	PE11-33	皮膚・筋肉縫合 Skin・Ocular muscles	3387
シルク ブラック・ブレイド Silk Black Braided	45cm		ヘラ Trape spatula	5.5	7/16 158°	0.28	ZG055-28	強膜・結膜縫合 Sclera・Ocular muscles	2804
	45cm			6.5	3/8 135°	0.28	ZE065-28		2801
	50cm	片端針 Single-armed	↓	10.0	3/8 135°	0.33	ZE10-33	↓	3354S
	45cm		逆三角 Reverse cut	7.0	3/8 135°	0.28	RE07-28	皮膚・筋肉縫合 Skin・Ocular muscles	2853
	45cm			8.0	5/16 113°	0.28	RI08-28		2805
	45cm			11.0	3/8 135°	0.33	RE11-33	↓	3305
	45cm	片端針 Single-armed	↓	11.0	3/8 135°	0.33	RE11-33	制御糸・皮膚・筋肉 Control suture・Skin・Ocular muscles	3305S
	55cm		形成ヘラ Lancet	10.0	3/8 135°	0.33	PE-10-33	↓	3366
	55cm		丸 Taper point	13.0	3/8 135°	0.33	TE13-33	制御糸 Control suture	3356
	55cm		丸、先端カット Cut taper	13.0	3/8 135°	0.33	YE13-33		3353
	60cm	片端針 Single-armed	↓	14.0	3/8 135°	0.38	YE14-38	↓	3850S
PGA吸収糸 バイオレット・ブレイド PGA ABSORBABLE Violet Braided	45cm		ヘラ Trape spatula	6.5	1/4 90°	0.24	ZK065-24	斜視・筋肉縫合 Heterotropia・Ocular muscles	2490
	45cm		ヘラ、ダイヤカット Dia spatula	8.5	1/4 90°	0.28	XK085-28	↓	2890

5－0 （1.0metric）針付縫合糸　Needled Sutures

種類 Description	長さ Length	実物大形状 Actual size	断面・刃形 Edgemark	針長さ Length (mm)	弯曲 Curve	針太さ Diam. (mm)	針記号 Code	主な適用症例 Main Application	品番 Order No.
ナイロン ブラック・モノ Nylon Black Mono	30cm		ヘラ Trape spatula	6.0	1/4 90°	0.28	ZK06-28	強膜・結膜縫合 Sclera・Ocular muscles	2806
	45cm			7.0	3/8 135°	0.28	ZE07-28		2865
	45cm		↓	8.0	3/8 135°	0.28	ZE08-28		2856
	45cm		ヘラ、ダイヤカット Dia spatula	6.0	1/4 90°	0.28	XK06-28	↓	2807

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5－0 （1.0metric）針付縫合糸　Needled Sutures

縫合糸 Suture 種類 Description	長さ Length	縫合針 Needles 実物大形状 Actual size	断面・刃形 Edgemark	針長さ Length (mm)	弯曲 Curve	針太さ Diam. (mm)	針記号 Code	主な適用症例 Main Application	品番 Order No.
ナイロン ブラック・モノ Nylon Black Mono	45cm	片端針 Single-armed	形成ヘラ Lancet	11.0	1/2 180°	0.33	PH11-33	皮膚・筋肉縫合 Skin・Ocular muscles	3383S
	50cm		逆三角 Reverse cut	11.0	3/8 135°	0.38	RE11-38		3854
	45cm	片端針 Single-armed		11.0	3/8 135°	0.38	RE11-38		3854S
シルク ブラック・ブレイド Silk Black Braided	50cm	片端針 Single-armed	逆三角 Reverse cut	11.0	3/8 135°	0.43	RE11-43	制御糸・皮膚・筋肉 Control suture・Skin・Ocular muscles	4350S
	50cm	片端針 Single-armed		13.0	3/8 135°	0.33	RE13-33		3358S
	50cm		形成ヘラ Lancet	11.0	3/8 135°	0.38	PE11-38		3856
	50cm	片端針 Single-armed		11.0	3/8 135°	0.38	PE11-38		3856S
	45cm		丸 Taper point	13.0	3/8 135°	0.33	TE13-33	制御糸 Control suture	3355
	30cm	片端針 Single-armed		13.0	3/8 135°	0.33	TE13-33		3355S
	60cm			16.0	3/8 135°	0.38	TE16-38		3855
	30cm	片端針 Single-armed		16.0	3/8 135°	0.38	TE16-38		3855S
ポリエステル ホワイト・ブレイド Polyester White Braided	45cm		ヘラ Trape spatula	8.0	1/4 90°	0.33	ZK08-33	硝子体手術 Operations on Vitreous	3377
	45cm		ヘラ、ダイヤカット Dia spatula	6.0	1/4 90°	0.28	X1K06-28		2863
	45cm			6.0	1/4 90°	0.33	XK06-33		3372
	45cm			8.0	1/4 90°	0.33	XK08-33		3370
	45cm			8.0	1/2 180°	0.33	XH08-33		3371
	75cm		丸 Taper point	10.0	3/8 135°	0.33	TE10-33		3380
ポリエステル グリーン・ブレイド Polyester Green Braided	45cm		ヘラ Trape spatula	8.0	1/4 90°	0.33	ZK08-33		3376
	45cm		ヘラ、ダイヤカット Dia spatula	6.0	1/4 90°	0.33	XK06-33		3375
	45cm			8.0	1/4 90°	0.33	XK08-33		3373
	45cm			8.0	1/2 180°	0.33	XH08-33		3374
	75cm		丸 Taper point	10.0	3/8 135°	0.33	TE10-33		3378
PGA吸収糸バイオレット・ブレイド PGA ABSORBABLE Violet Braided	45cm		ヘラ、ダイヤカット Dia spatula	8.5	1/4 90°	0.33	XK085-33	斜視・筋肉縫合 Heterotropia・Ocular muscles	3391
	30cm			8.0	1/4 90°	0.33	XK08-33		3392

4－0 （1.5metric）針付縫合糸　Needled Sutures

種類 Description	長さ Length	実物大形状 Actual size	断面・刃形 Edgemark	針長さ Length (mm)	弯曲 Curve	針太さ Diam. (mm)	針記号 Code	主な適用症例 Main Application	品番 Order No.
シルク ブラック・ブレイド Silk Black Braided	45cm		逆三角 Reverse cut	13.0	7/16 158°	0.43	RG13-43	制御糸 Control suture	4300
	50cm			13.0	3/8 135°	0.43	RE13-43		4351
	50cm	片端針 Single-armed		13.0	3/8 135°	0.43	RE13-43		4351S
	55cm		形成ヘラ Lancet	13.0	3/8 135°	0.43	PE13-43		4359
	50cm	片端針 Single-armed		13.0	3/8 135°	0.43	PE13-43		4359S

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4－0 (1.5metric) 針付縫合糸 Needled Sutures

縫合糸 Suture 種類 Description	長さ Length	縫合針 Needles 実物大形状 Actual size	断面・刃形 Edgemark	針長さ Length (mm)	弯曲 Curve	針太さ Diam. (mm)	針記号 Code	主な適用症例 Main Application	品番 Order No.
シルク ブラック・ブレイド Silk Black Braided	45cm		丸 Taper point	13.0	3/8 135°	0.38	TE13-38	制御糸 Control suture	3801
	45cm	片端針 Single-armed		13.0	3/8 135°	0.38	TE13-38	↓	3801S
	55cm			13.0	3/8 135°	0.38	TE13-38	↓	3851
	45cm			16.0	3/8 135°	0.38	TE16-38	↓	3861
	75cm		↓	16.0	1/2 180°	0.53	TH16-53	↓	5351
	75cm	片端針 Single-armed	丸、先端カット Y Cut taper	14.0	3/8 135°	0.43	YE14-43	↓	4302S
シルク ホワイト・ブレイド Silk White Braided	45cm		丸 Taper point	25.0	7/16 157°	0.38	TG25-38	皮膚縫合用 Skin	3857
	60cm		ヘラ、ダイヤカット Dia spatula	6.5	1/4 90°	0.43	XK065-43	硝子体手術 Operations on Vitreous	4360
ポリエステル ホワイト・ブレイド Polyester White Braided	45cm		ヘラ Trape spatula	8.0	1/4 90°	0.43	ZK08-43	硝子体手術 Operations on Vitreous	4356
	45cm		ヘラ、ダイヤカット Dia spatula	6.5	1/4 90°	0.43	XK065-43	↓	4357
	45cm		↓	8.0	1/4 90°	0.43	XK08-43	↓	4352
ポリエステル グリーン・ブレイド Polyester Green Braided	45cm		ヘラ Trape spatula	8.0	1/4 90°	0.43	ZK08-43	硝子体手術 Operations on Vitreous	4355
	45cm		ヘラ、ダイヤカット Dia spatula	8.0	1/4 90°	0.43	XK08-43	↓	4353

ＩＯＬ縫着用針付縫合糸 １０－０ (0.2metric) Needled Sutures for Secondary Implantation

ポリプロピレン ブルー・モノ Polypropylene Blue Mono	30cm		Y 先端カット Spatula side cut	16.0	Straight ストレート	0.14	VS16-14	ペア両端針 Pair double-armed	1455P
			ヘラ Trape spatula	4.5	7/16 158°	0.14	ZG045-14		
	30cm		Y 先端カット Spatula side cut	18.0	1/4 90°	0.24	VK18-24	↓	1458P
			ヘラ Trape spatula	6.0	3/8 135°	0.14	ZE06-14		
	30cm		Y 先端カット Spatula side cut	18.0	Straight ストレート	0.14	VS18-14	↓	1460P
			ヘラ Trape spatula	4.5	7/16 158°	0.14	ZG045-14		
	20cm		Y 先端カット Spatula side cut	16.0	Straight ストレート	0.14	VS16-14		1470
	15cm		Y	16.0	Straight ストレート	0.14	VS16-14	ループ糸付針 Needled suture with loop	1486L
	20cm		Y	15.0	1/4 90°	0.24	VK15-24	↓	2451L
	20cm		Y ↓	13.0	1/4 90°	0.24	VK13-24		2450

ＩＯＬ縫着用針付縫合糸 ９－０ (0.3metric) Needled Sutures for Secondary Implantation

ポリプロピレン ブルー・モノ Polypropylene Blue Mono	30cm		Y 先端カット Spatula side cut	16.0	Straight ストレート	0.14	VS16-14	ペア両端針 Pair double-armed	1465P
			ヘラ Trape spatula	4.5	7/16 158°	0.14	ZG045-14		
	20cm		Y 先端カット Spatula side cut	15.0	1/4 90°	0.24	VK15-24	ループ糸付針 Needled suture with loop	2452L

6 ※片端針の表示が無いものは全て両端針です。 1箱12本入 12pcs. / box

MANI® Ophthalmic Sutures

販売名	一般的名称	医療機器承認番号	医療機器のクラス
マニーシルク	滅菌済み絹製縫合糸	20900BZZ00869000	高度管理医療機器(Ⅲ)
マニーナイロン	ポリアミド縫合糸	21100BZZ00049000	高度管理医療機器(Ⅲ)
マニーポリエステル	ポリエステル縫合糸	21100BZZ00050000	高度管理医療機器(Ⅲ)
マニーポリプロピレン	ポリプロピレン縫合糸	20500BZZ01091000	高度管理医療機器(Ⅲ)
マニーPGA	ポリグリコール酸縫合糸	21300BZY00282000	高度管理医療機器(Ⅳ)

STERILE | EO　　②再使用不可

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⚠ Do not use if package is damaged or opened.

マニーアイド縫合針

MANI SURGICAL EYED NEEDLES
(FOR JAPAN SALES ONLY)

販売名	一般的名称	医療機器承認番号	医療機器のクラス
マニーアイド縫合針	単回使用縫合針	22000BZX01615000	管理医療機器(Ⅱ)

角　針
〈彎曲：5/16〉

実物大形状	断面	品名
		眼科用角弾　8mm
		眼科用角弾　9mm
		眼科用角弾　10mm
	▼	眼科用角弾　12mm
	▼	眼科用角弾　13mm
	▼	眼科用角弾　14mm
	▼	眼科用角弾　16mm
	▼	眼科用角弾　18mm
	▼	眼科用角弾　19mm

丸　針
〈彎曲：5/16〉

実物大形状	断面	品名
	⊙	眼科用丸弾　8mm
	⊙	眼科用丸弾　9mm
	⊙	眼科用丸弾　10mm
	⊙	眼科用丸弾　12mm
	⊙	眼科用丸弾　13mm
	⊙	眼科用丸弾　14mm
	⊙	眼科用丸弾　16mm
	⊙	眼科用丸弾　18mm
	⊙	眼科用丸弾　19mm

※全て、弾機孔です。品名の長さ(mm)は、針のさしわたしを示しています。　1パック10本入　1箱10パック入

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ophthalmics

Retinal Implants

Silicone Sponges

Round
- S 1982-1.5 (8215 Style) — 1.5, 80
- S 1982-2 (502 Style) — 2, 80
- S 1982-2.5 (5025 Style) — 2.5, 80
- S 1982-3 (503 Style) — 3, 80
- S 1982-4 (504 Style) — 4, 80
- S 1982-5 (505 Style) — 5, 80
- S 1982-7 (8270 Style) — 7, 80

Part Thickness
- S 1984-2.5 (8425 Style) — 4, 2.5, 80
- S 1984-3 (517 Style) — 7.5, 3.66, 80
- S 1984-3.3 (515 Style) — 5, 3.33, 80
- S 1984-5 (510 Style) — 5, 2.5, 80
- S 1984-7.5 (511 Style) — 7.5, 2.75, 80

Tunnel
- S 1982-5T (505T Style) — 5, 80

Grooved
- S 1983-2.3 (516G Style) — 6.4, 2.3, 80
- S 1983-2.5 (510G Style) — 5, 2.5, 80
- S 1983-3 (506G Style) — 5, 3, 80
- S 1983-2.8 (511G Style) — 7.5, 2.75, 80
- S 1983-3.2 (519G Style) — 7.5, 3.2, 80
- S 1983-3.5 (509G Style) — 7.5, 3.5, 80
- S 1983-4 (508G Style) — 12, 4, 80
- S 1983-5 (505G Style) — 5, 5, 80
- S 1983-7.5 (507G Style) — 7.5, 5.5, 80

Oval
- S 1981-4 (501 Style) — 4, 2.5, 80
- S 1981-5 (506 Style) — 5, 3, 100
- S 1981-7 (907 Style) — 7, 3.25, 80
- S 1981-7.5 (507 Style) — 7.5, 5.5, 80

Oblong
- S 1986-3.5 (509 Style) — 7.5, 3.5, 80
- S 1986-4 (508 Style) — 12, 4, 80

Scholda
- S 1985-5 (8550 Style) — 5, 3.77, 80
- S 1985-7 (8570 Style) — 7, 5.28, 80

L-Shaped
- S 1987-7 (513 Style) — 7.4, 4, 40
- S 1987-8 (514 Style) — 8, 5, 40

Silicone Tires

Concave

S 2977	(78 Style)
S 2986	(277 Style)
S 2991	(279 Style)
S 2997	(281 Style)
S 3004	(3004 Style)

Convex

S 3010	(286 Style)
S 3014	(287 Style)
S 3014 L	(287 WG Style)
S 3016	(289 Style)
S 3017	(288 Style)

Asymmetrical

S 2994	(275 Style)
S 2999	(276 Style)
S 2995	(278 Style)
S 2996	(280 Style)
S 2996 L	(280 LG Style)

Wide Strips

S 4050	(4050 Style)
S 4055	(4055 Style)
S 4060	(4060 Style)
S 4065	(4065 Style)

Accessories

Meridional Implants

S 2978	(103 Style)
S 2988	(106 Style)
S 3020	(112 Style)

Wedges

S 3021	(135 Style)
S 3022	(137 Style)

Boats

S 2989	(60 Style)
S 3012	(260 Style)

Tantalum Clips

S 566	(50 Style)
S 567	(250 Style)

Pad

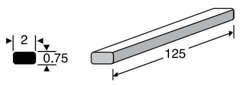
S 2993	(80 Style)

Button

S 2976	(22 Style)

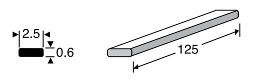
Circling Bands

S 2969 (40 Style)



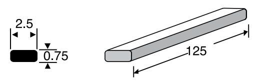
To be used with 1, 2, 4.

S 2987 (240 Style)



To be used with 1, 3, 4.

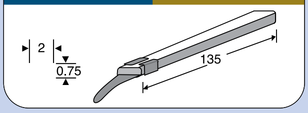
S 2950 (2950 Style)



To be used with 1, 3, 4.

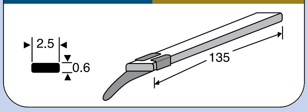
Silicone Lace™

S 5020 (40 Style)



To be used with 1, 2, 4.

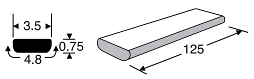
S 5025 (240 Style)



To be used with 1, 3, 4.

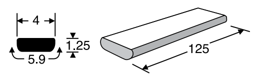
Silicone Strips

S 2970 (41 Style)



To be used with 5, 6, 7.

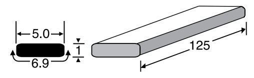
S 2971 (42 Style)



To be used with 5, 6, 7.

Wide Strip

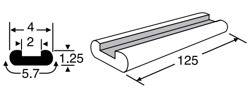
S 4050 (4050 Style)



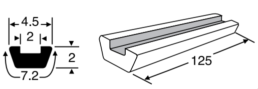
To be used with 5, 6, 7.

Grooved Strips

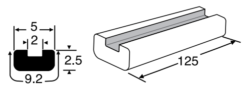
S 2965 (20 Style)



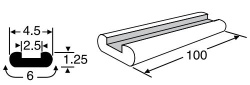
S 2967 (31 Style)



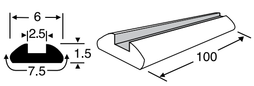
S 2968 (32 Style)



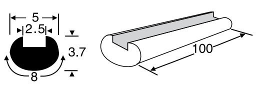
S 2992 (219 Style)



S 2998 (220 Style)



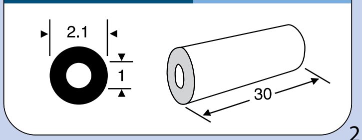
S 3013 (225 Style)



Silicone Sleeves

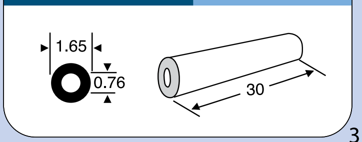
Round

S 3018 (70 Style)



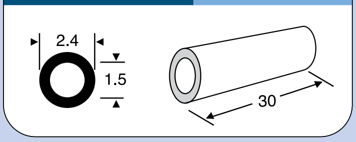
2

S 3019 (270 Style)



3

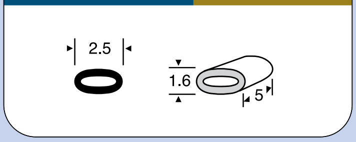
S 3071 (72 Style)



6

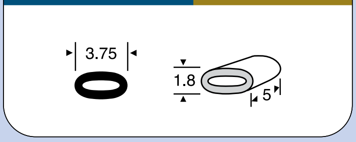
Oval

S 3083 (3083 Style)



1

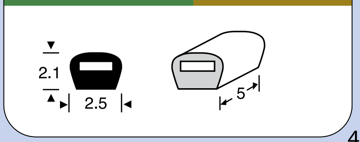
S 3084 (3084 Style)



5

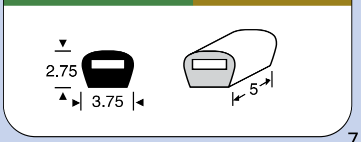
Wong Buckling Sleeves™

S 3093 (3093 Style)



4

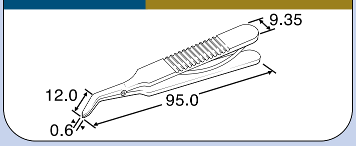
S 3094 (3094 Style)



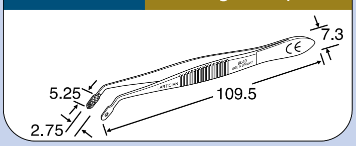
7

Instruments

9010 Frederick Sleeve Spreader



9040 Wong Forceps



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