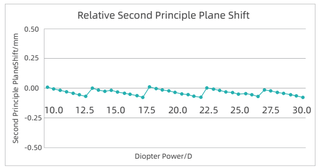
ADVANTAGES

1 Simedice IOL has two precision properties to help reduce residual refractive error post surgery.

(1) The relative second principle plane of optical design: optimize the stability of the effective lens position, improve the accuracy and precision of the optical power.

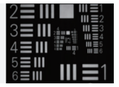
(2) Tight optical power tolerance within +/-0.15 OD: stricter than ISO requirements to further reduce residual refractive error post surgery.



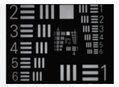
2 Simedice IOL design has two features to reduce the probability and intensity of stray light reflection from the IOL edge and avoid the scattered light from the IOL edge reflection when the pupil becomes large at night.

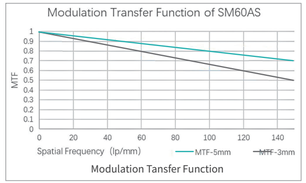
(1) The IOL optical effective aperture is 6mm and consistent within the whole diopter power range.

3mm aperture USAF target

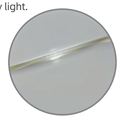


4.5mm aperture USAF target





(2) The specular removal of edges in milling process effectively reduces the reflection intensity of the stray light.

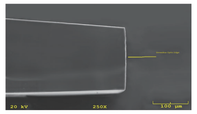


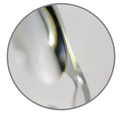
3 Optimized C-shaped loop design provides better mechanical stability and reduces eccentricity, tilt, displacement, and axial rotation.

4 Excellent material compliance highly fits posterior capsule.

5 Sharp Square Edge effectively prevents PCO.

6 Excellent memory-superior foldability, moderate and gentle release





5 | 5

6

Simedice

DEDICATED TO
HELPING GLOBAL CATARACT PATIENTS
SEE BRILLIANTLY !

Simedice Biotechologies Inc.

Registration Address: 251 Little Falls Drive, Wilmington, Delaware 19808
Operation Address: Rm001-2, Suite 134, 50 Lakeview Parkway, Vernon Hills, IL 60069, USA
www.simedice.com
service@simedice.com

Henan Simedice Biotechnologies Co., Ltd.

Address: No. 28, Floor 7, Unit A, Building 1, No. 8 Guohuai Ave.,
Hi-tech Industries Development Zone, Zhengzhou, Henan 450001, P.R.China

Simedice

SPLENDID VISION

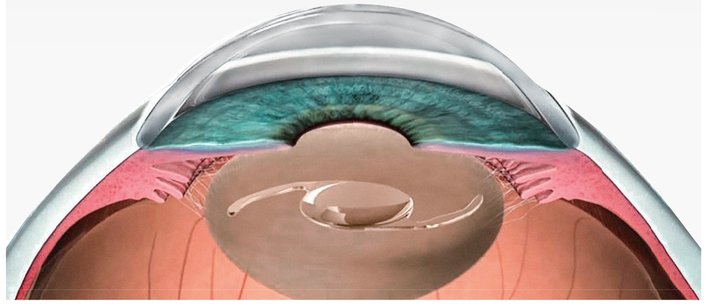
Digitally signed by Iarovoi Petru
Date: 2021.10.07 17:00:55 EEST
Reason: MoldSign Signature
Location: Moldova

COMPANY PROFILE

Simedice Biotechnologies, Inc. is using its state-of-art technologies to develop, manufacture and market hydrophobic acrylic intraocular lens products, dedicated to helping global cataract patients see brilliantly.

Simedice offers series of premium products through its innovative optical designs and proprietary high-precision manufacturing processes, which enable Simedice Lenses to own precise optical properties and the tightest manufacturing tolerance (±0.15 OD) for reduced variability to improve surgical predictability. Simedice has been building up a comprehensive Quality Management System under ISO 13485 standard and implementing very strict quality control practice to ensure that every lens made by Simedice has the highest quality.

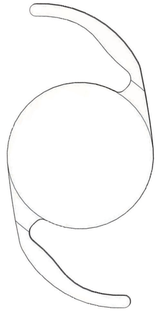
Simedice monofocal and toric intraocular lenses are currently available globally. The multifocal, EDOF and multifocal toric intraocular lenses are still under development and will be available soon.



MARKETED PRODUCTS

1.Monofocal Aspheric IOL

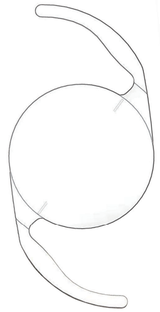
Model	SM60AS
Optical Type	Biconvex , Aspherical posterior surface
Material	Hydrophobic Acrylate Copolymer, blocking UV.
Color	Slightly Yellow
Diopter	+10.0 D~+30.0 D, 0.5D increment
Refractive Index	1.55@35°C
Haptic	Modified C Loop
Haptic Angulation	0°
Optic Diameter	6.0 mm
Overall Length	13.0 mm
Recommended Ac. A Constant	118.1
Recommended Op. A Constant	118.4



Note: The diopter will be extended to -10.0D to +36.0D in 2022.

2.Toric Aspheric IOL

Model	ST1	ST2	ST3	ST4	ST5	ST6	ST7	ST8	ST9	ST10
Cylinder Power	0.75	1.5	2.25	2.5	2.75	3	3.5	4.25	5	5.75
Corneal Power	0.54	1.07	1.61	1.79	1.96	2.14	2.50	3.03	3.57	4.11
Corneal Power Range	0~0.5	1.0~1.5	1.6~1.7	1.8~1.9	2.0~2.1	2.2~2.4	2.5~2.9	3.0~3.5	3.6~4.0	4.1~4.6
Optical Type	Aspheric, Biconvex asymmetric									
Material	Hydrophobic Acrylate Copolymer, blocking UV.									
Color	Slightly Yellow									
Spherical Diopter	+10.0 D~+30.0 D， 0.5D increment									
Refractive Index	1.552@35°C									
Haptic	Modified C Loop									
Haptic Angulation	0°									
Optic Diameter	6.0 mm									
Overall Length	13.0 mm									
Recommended Ac. A Constant	118.1									
Recommended Op. A Constant	118.4									



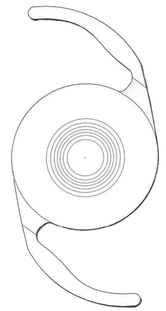
Note: The diopter will be extended to -10.0D to +36.0D in 2022.

MARKETED PRODUCTS

Multifocal IOL, EDOF, and Toric multifocal IOL are under development, will enter into markets soon. Their prescriptions are shown below.

Mutifocal Aspheric IOL

Model	SM60AM0	SM60AM1
Add Power	+ 3.0 D for near vision	+1.5D for intermediate vision +3.0D for near vision
Optic Type	Aspheric Diffractive Optic	
Material	Hydrophobic Acrylate Copolymer, Blocking UV.	
Color	Slightly Yellow	
Spherical Power	-10.0 D~+36.0 D， 0.5D Increment	
Refractive Index	1.552@35°C	
Haptic	Modifed C Loop	
Haptic Angulation	0°	
Optic Diameter	6.0 mm	
Overall Length	13.0 mm	
Recommended Ac. A Constant	118.1	
Recommended Op. A Constant	118.4	



Multifocal Toric IOL

Model	SM60AM0	SM60AMT1
	+ 3.0 D for near vision	+1.5D for middle vision +3.0D for near vision
Optic Type	Aspheric Diffractive Toric	
Material	Hydrophobic Acrylate Copolymer, Blocking UV.	
Color	Slightly Yellow	
Spherical Power	-10.0 D ~ +30.0 D， 0.5D Increment	
Cylinder Power	1.4D, 2.1D, 2.8D, 3.5D, 4.5D, 5.0D	
Refractive Index	1.552@35°C	
Haptic	Modified C Loop	
Haptic Angulation	0°	
Optic Diameter	6.0 mm	
Overall Length	13.0 mm	
Recommended Ac. A Constant	118.1	
Recommended Op. A Constant	118.4