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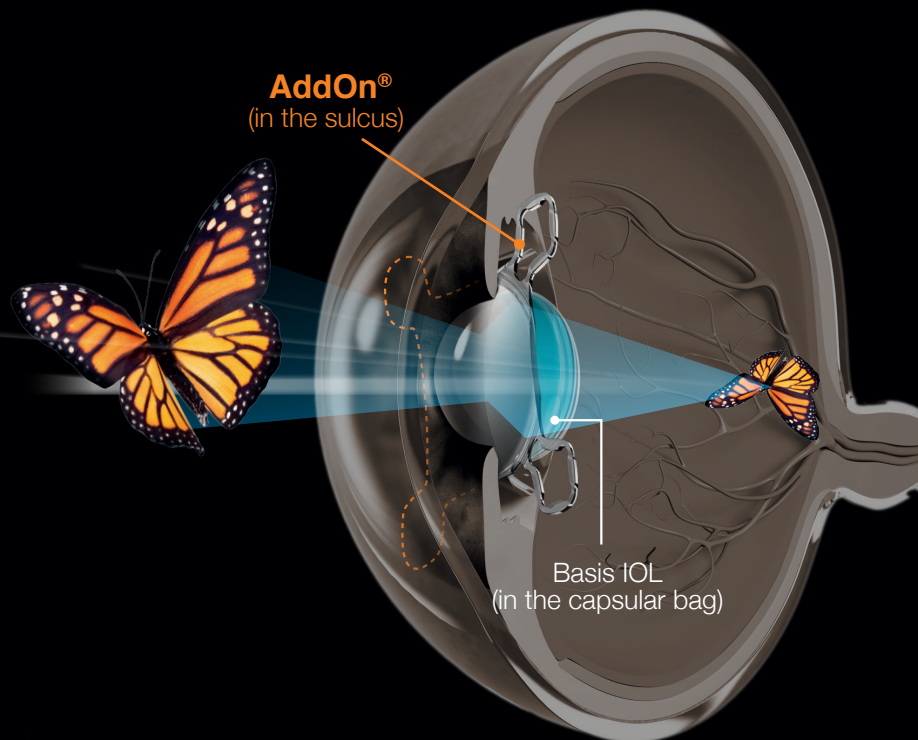
1st Q AddOn®

Precise. Safe. Reversible.

MEDINOVA

1st Q AddOn®

The AddOn® is the refractive-surgery platform for fine-tuned **vision** enhancement of pseudophakic eyes and constitutes a milestone in functional patient care.



The AddOn® is implanted into the sulcus in addition to the capsular-bag fixated basis IOL and is compatible with common capsular-bag IOLs, irrespective of design or material.

# The Fine-tuned Visual Correction

## Areas of application

The AddOn® may be used for correction of spherical refractive errors, presbyopia and astigmatism.

The corrective potential of the AddOn® allows to correct or to enhance visual functions, depending on indication and patient visual comfort.

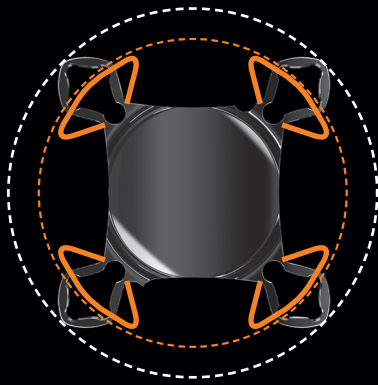
## Spectrum of functional correction with the AddOn®

| <i>Visual Function</i> | <i>Distant Function</i> | <i>Intermediate Function</i> | <i>Near Function</i>     | <i>Imaging Function</i>  |
|------------------------|-------------------------|------------------------------|--------------------------|--------------------------|
| <b>IOL-Function</b>    | <b>Basis Function</b>   | <b>Trifocal Function</b>     | <b>Trifocal Function</b> | <b>Cylinder Function</b> |
| AddOn® refractive      | ●                       |                              |                          |                          |
| AddOn® trifocal        | ●                       | ●                            | ●                        |                          |
| AddOn® toric           | ●                       |                              |                          | ●                        |
| AddOn® trifocal toric  | ●                       | ●                            | ●                        | ●                        |

# The **1st QAddOn<sup>®</sup>** Features

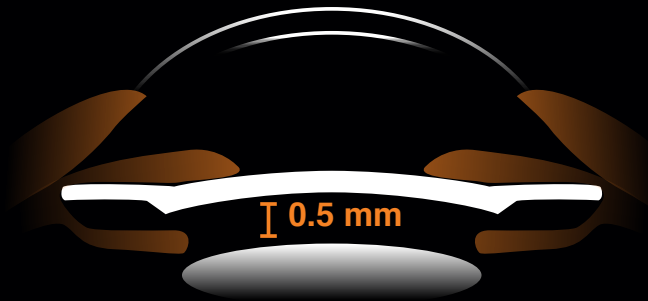
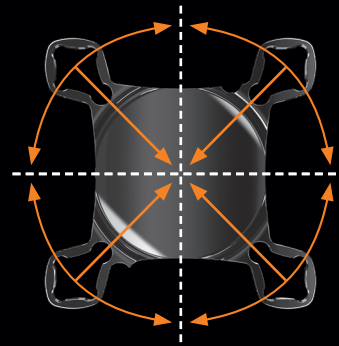
## **Sulcus Fit**

through 4 flexible haptics

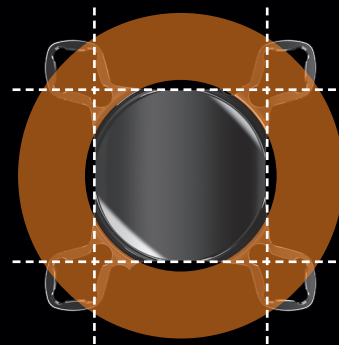


## **Rotational Stability**

through non-torque design



**Non IOL Touch & Cell Stop**  
through convex-concave optic



**Non Iris Capture**  
through square design

## The 1st QAddOn® Benefits





**The AddOn® offers both patient and surgeon distinctive benefits for fine-tuned correction and functional patient care.**

|  |   |
|--|---|
| Extensive range of refractive corrections                                  | ✓ |
| Safe procedure <sup>1,2</sup> , due to a technology proven over many years | ✓ |
| Standardized implantation  | ✓ |
| Non-traumatic ways of corrective measures                                  | ✓ |
| Non-traumatic reversibility  | ✓ |
| Independent of the lens status with the pseudophakic eye                   | ✓ |
| Option of implantation in one procedure or two subsequent procedures       | ✓ |
| Suitable for eyes with silicone oil tamponade or previous keratoplasty     | ✓ |

<sup>1</sup> Gundersen KG, Potvin R: A review of results after implantation of a secondary intraocular lens to correct residual refractive error after cataract surgery. In: Clinical Ophthalmology 2017; 11, pages 1791-1796.

<sup>2</sup> According to „Sicherheit moderner Zweilinsensysteme“ (Safety of modern Dual-Lens Systems), study on IOL models as to location tolerance and effects on the optical system, published in Ophtho- Chirurgie Sonderveröffentlichungen (Special Publications of Ophtho- Chirurgie) 1– 3, 2013.

# Technical Data

|                             | <b>AddOn®<br/>refractive</b>  | <b>AddOn®<br/>trifocal</b>  | <b>AddOn®<br/>toric</b>   | <b>AddOn®<br/>trifocal toric</b>  |
|-----------------------------|---|---|---|---|
|                             |    |  |  |  |
| <b>Spherical refraction</b> | -10D thru +10D  | -5D thru +5D  | -10D thru +10D  | -3 D thru +3 D  |
| <b>Cylindric refraction</b> |   |   | +1D thru +11D   | +1D thru +4.5D  |
| <b>Addition</b>             |   | +3D   |   | +3 D  |
| <b>Type</b>                 | Single-piece foldable IOL for implantation into the ciliary sulcus in addition to a primary IOL in the patient's pseudophakic eye |   |   |   |
| <b>Material</b>             | Biocompatible hydrophilic acrylic, 25% water content with UV absorber   |   |   |   |
| <b>ABBE number</b>          | 58  |   |   |   |
| <b>Dimensions</b>           | Overall length 13.0 mm; optic Ø 6.0 mm  |   |   |   |
| <b>Haptic</b>               | 4 flex-haptic (patent pending) 0° – 4 closed loops, straight; haptic thickness: 0.3 mm  |   |   |   |
| <b>Optic design</b>         | Spherical, convex-concave   |   |   |   |
| <b>Sterilization</b>        | Steam (shelf life 5 years after sterilization)  |   |   |   |
| <b>Storage conditions</b>   | at +15 – +35 °C (15% - 50% humidity)  |   |   |   |

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*The design shape of an object  
is derived from its function.*

***Form follows Function.***“

(Louis Sullivan, Architect, 1856–1924)



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