



LUCIDIS

SWISS MADE
EDOF IOL

ADVANCED REFRACTIVE DESIGN



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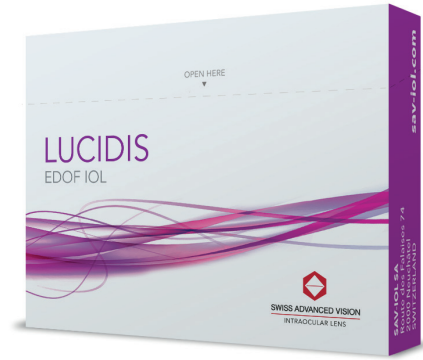


SWISS ADVANCED VISION
INTRAOCULAR LENS

LUCIDIS LENS

LUCIDIS is an advanced monofocal lens designed to correct the vision post-cataract surgery. Raising the standard of the IOLs, LUCIDIS ideally combines the proven robustness of the monofocal lenses with the unprecedented performances of the **revolutionary EDOF technology** “Instant Focus”.

Through a distinctive combination of refractive and aspheric optical elements, LUCIDIS enables a neat distant vision with an extension towards the near and intermediate distances. To provide an optimal centration and the required stability in the capsular bag, LUCIDIS benefits from an innovative closed loop haptic design.



The first affordable
EDOF IOL

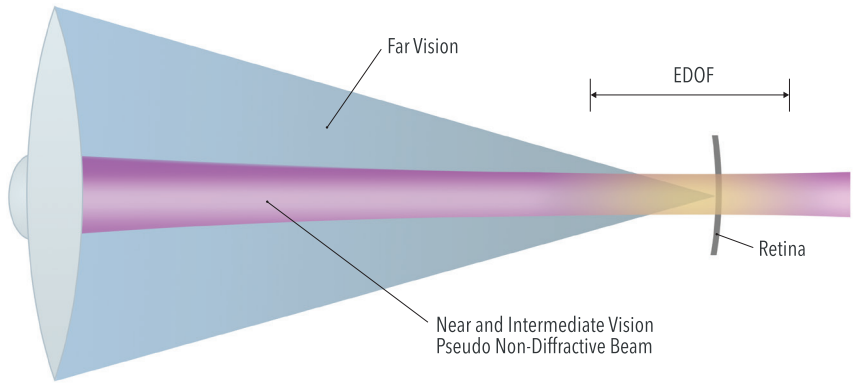
INSTANT FOCUS TECHNOLOGY

Instant Focus is a unique advanced patented EDOF technology developed to replace the natural accommodation of the crystalline lens. As a very high precision aspheric optical element, Instant Focus extends the depth of focus between the near and intermediate vision.

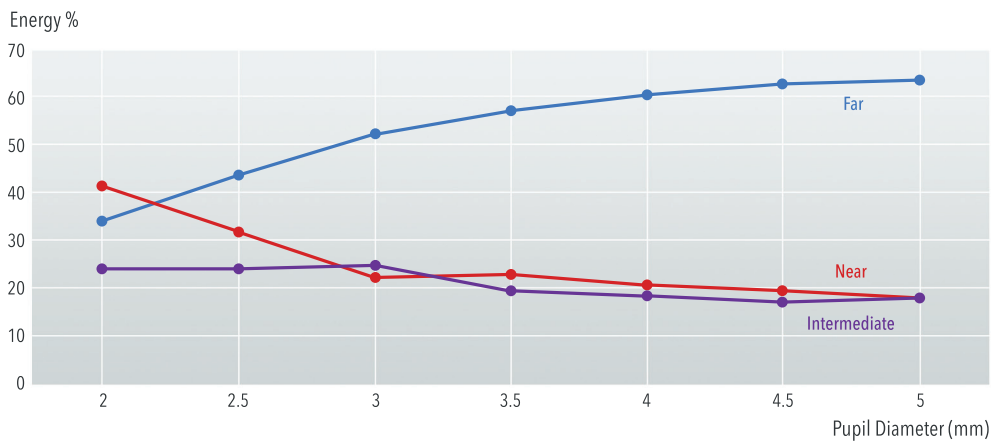
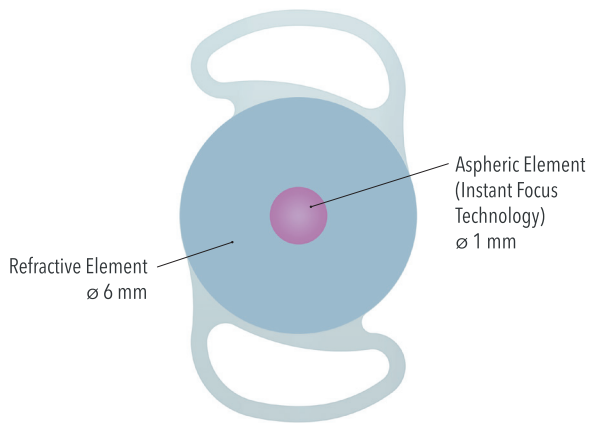
This cutting-edge technology turns the incident wavefront into a pseudo non-diffractive beam (PNDB). The resulting light waves' interferences enable a **constant resolution and light intensity** on the retina. Consequently, Instant Focus allows a continuous near to intermediate vision free of visual adverse events in addition to a fast neuroadaptation; therefore, a higher level of comfort for the patient.

LIGHT DISTRIBUTION

Extended monofocal for higher visual comfort



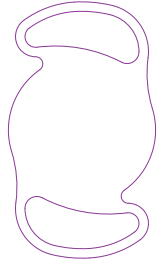
The **aspheric element** in the center of the lens provides a continuous near to intermediate vision regardless of the pupil size. The refractive element provides the distant vision.



TECHNICAL INFORMATION

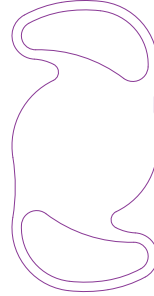
Lucidis 108M

Ø 10.8 mm



Lucidis 124M

Ø 12.4 mm



Lens type	Pseudophakic single piece foldable IOL
Power range	+5.0 D to +30.0 D (by 0.5 D steps)
Optical diameter	6.0 mm
Optical design	Multizone (refractive, aspheric)
Add/EDOF	+3.0 D (nominal value)
UV protection	Cutoff at 370 nm
Material	Hydrophilic acrylic (26 % water content)
Square edge design	360° (posterior face)
Haptic design	Closed loop with 0° angulation
Packaging	Plastic blister
Recommended injector size	≥ 2.2 mm

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SWISS ADVANCED VISION
INTRAOCULAR LENS

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