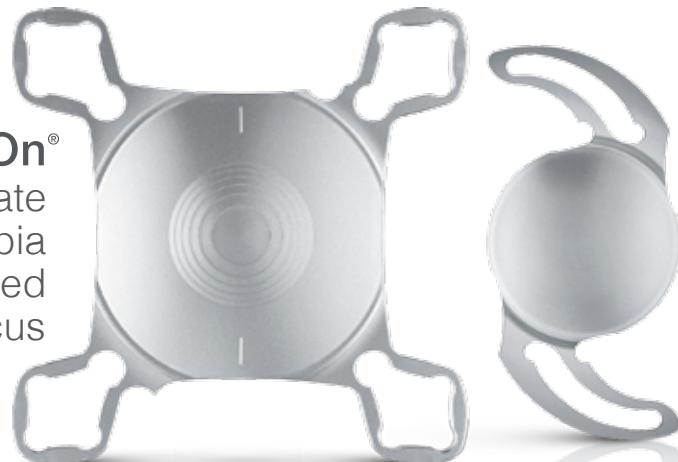


The
Dual-Lens
System

Liberty²

1stQ AddOn®

for near & intermediate vision and ametropia correction, placed into the sulcus



Primary IOL

for distance vision,
previously placed into
the capsular bag

Upgrade visual comfort with the dual-lens system

1stQ AddOn® IOL + Primary IOL = Liberty²

✓ Individualized

Visual functions can be optimized and customized for each patient with the Dual-lens system.

✓ Highly precise

Choose from a multitude of available power combinations and make use of the highly accurate online AddOn® calculator.

✓ Reversible

The AddOn® can be explanted if the visual condition requires it.



1stQ AddOn®

for near & intermediate vision and ametropia correction, placed into the sulcus

Primary IOL

for distance vision, previously placed into the capsular bag

System Performance

✓ Spherical refraction

-10.00 D +45.00 D

✓ Cylindrical refraction

+1.00 D +11.00 D

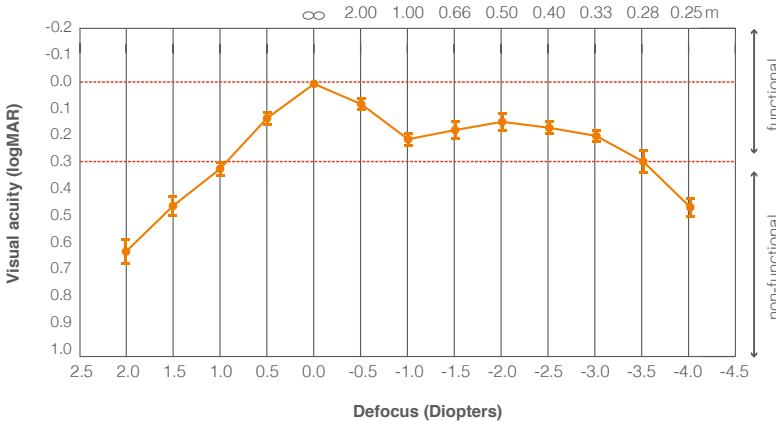
✓ Power addition

+3.00 D

TRIFOCALITY re-defined

Trifocal

Monocular defocus curve of the Liberty² dual-lens system*



Palomino Bautista C: Long term experience with the 1stQ AddOn Trifocal Supplementary Intraocular Lens; ESCRS 2019

* Monocular defocus curve after implantation of 22 eyes with 1stQ AddOn Trifocal.



With EPS* array:

Light is scattered within an IOL by every diffractive step. Considerable additional light scattering is caused by the manufactured imperfections of these steps on multiple points. Therefore not only the quality but also the quantity of the manufactured steps have a great impact on light scattering and loss of light energy. Owing to the elevated phase shift (EPS) in the central area of the optic, designed with only 6 diffractive steps, positive interference is generated between the 0 (far) and 1st (near) diffractive order. In this way, the 3rd focal point for intermediate vision is attained.

* patent pending



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