BVI

POD Platform

Double C-loop Design

Have it all

POD Platform

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Surgeons often have to weigh priorities when choosing an IOL platform: rotational stability versus ease of alignment, innovation versus proven performance. In addition to these decisions is the expectation of reliability and consistency.

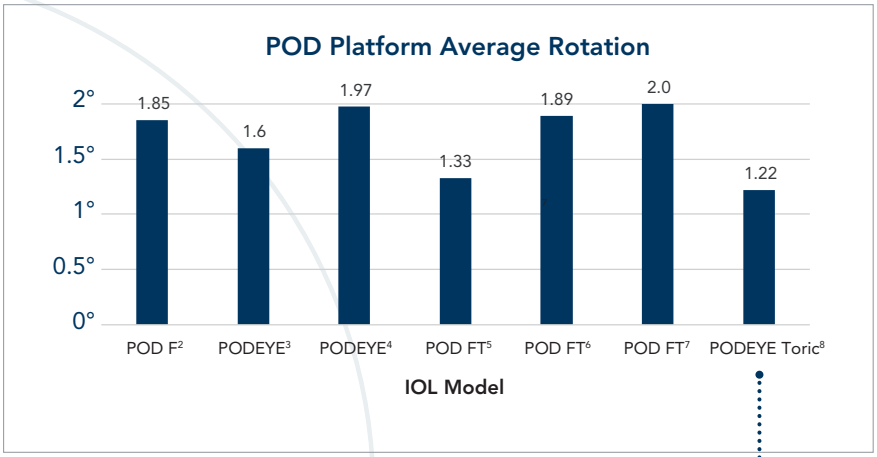
Developed in collaboration with Dr. Christophe Chassain (France), BVI's unique open double C-loop haptic design is **engineered to meet all of these requirements** — resulting in a platform that delivers:

1. Optimal **rotational stability** with intraoperative maneuverability
2. Consistent **refractive performance**
3. High **refractive accuracy**

With over a decade of global adoption, the POD platform now serves as the foundation for all BVI IOLs and is **available with all BVI optic technologies**.

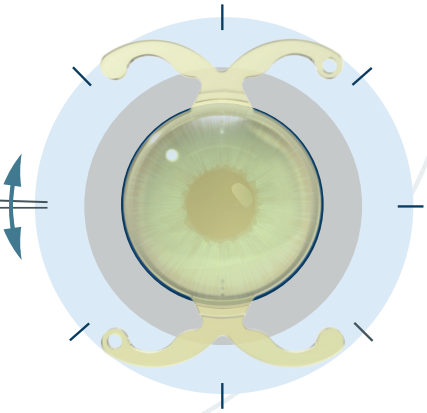
1. Optimal rotational stability

A recent systematic review including POD platform data from over 1,400 eyes concluded that it provides good rotational stability[1]. Furthermore, a selection of peer-reviewed studies published between 2016 and 2023 — involving 610 eyes — consistently demonstrated an average rotation of 2° or less across a range of optic technologies:



1.22°
average rotation for the PODEYE Toric lens.

n = 94 eyes



CLINICAL VALIDATION

«In our study, 97.87% of eyes had a rotation of <10 degrees with a mean absolute rotation of 1.22±2.21 degrees. We consider that this rotation is not clinically relevant and, based on these values, we conclude that this lens showed a high degree of rotational stability when implanted in the capsular bag.[8]»

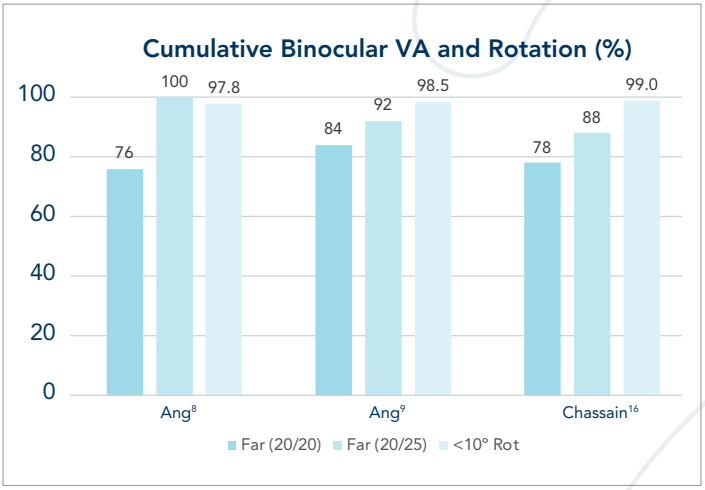
And ease of alignment

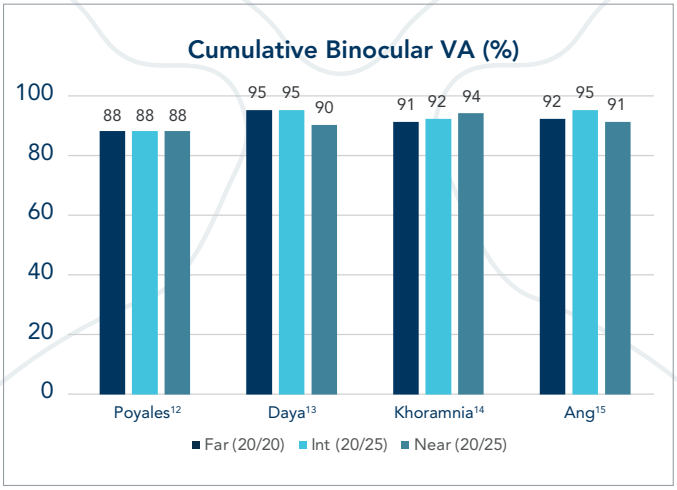
In addition to post-operative rotational stability, the double C-loop POD platform can be rotated **clockwise or counterclockwise**[9] to align the toric IOL with the intended axis. In contrast, classic C-loop IOLs can only be rotated clockwise and require additional steps in the event of misalignment.[10] As a result, the POD platform is recognized for its **intraoperative control**,[11] made possible by its symmetrical design.

Have it all: innovation and performance

2. Consistent refractive performance

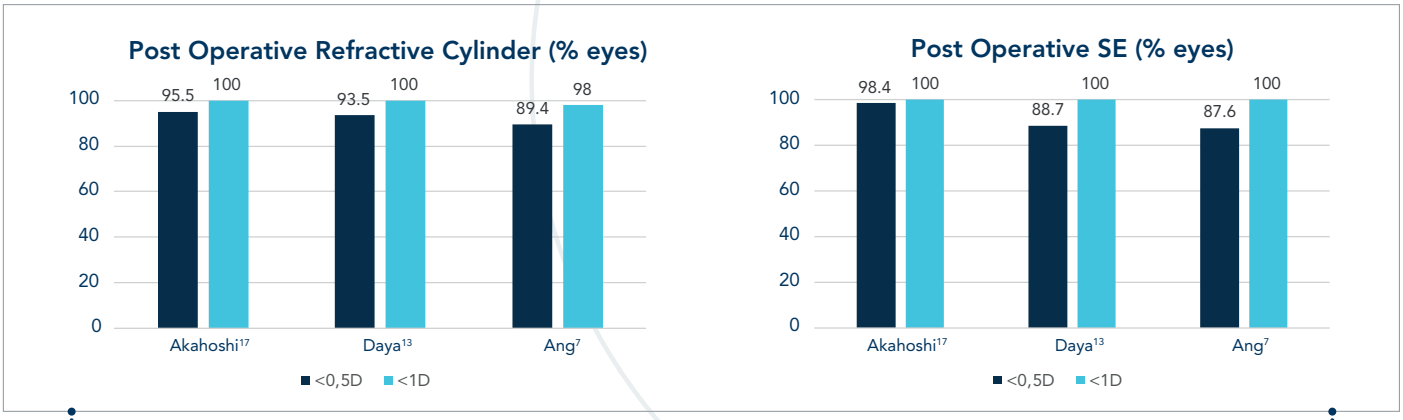
A selection of peer-reviewed studies has demonstrated that the POD platform maintained excellent refractive performance across a range of optical technologies:





3. High refractive accuracy

A selection of peer-reviewed studies confirmed that the POD platform delivered long-term refractive accuracy across toric and non-toric models:

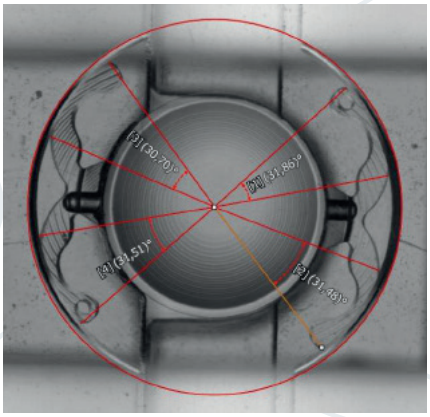


Over 90% of patients achieved a postoperative refraction within ±0.50 D of target (both cylinder and spherical equivalent).

Distinct by Design

The POD platform delivers consistent performance across key criteria, thanks to its **symmetrical, open double C-loop** haptic architecture. This unique configuration is designed to conform gently and smoothly to the contours of the capsular bag.

Its four haptics provide a **high contact angle** — greater than standard C-loop IOLs.[18,19] This increased haptic–capsule interface helps distribute forces across a broader surface and is designed to reduce stress on the capsule.



Contact Angle

Double C-loop Solutions

POD Platform

Our premium POD platform supports a wide range of optic technologies.

FINEVISION HP TORIC

TRIFOCAL OPTIC

FINEVISION HP

TRIFOCAL OPTIC

ISOPURE SERENITY TORIC

PREMIUM MONOFOCAL IOL

ISOPURE SERENITY

PREMIUM MONOFOCAL IOL

PODEYE TORIC

MONOFOCAL OPTIC

PODEYE

MONOFOCAL OPTIC

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Please check the availability of products in your market with your sales representative.

Note: The intraocular lenses are not FDA approved.

Contact Information:
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