DOUBLE C-LOOP TECHNOLOGY
by PhysIOL

Innovative IOL platform

When stability becomes reality
**Double C-loop platform features**

The double C-loop by PhysIOL is an innovative platform that was developed in 2010 to ensure perfect refractive and rotational IOL stability.

- **Its characteristics:**
  - Easy injection and perfect maneuverability during implantation thanks to its symmetric design;
  - Perfect stability thanks to 4 fixation points;
  - Optimal rotational stability thanks to 4 open loops.

**Refractive platform stability**

The double C-loop design provides moderate haptic compression force which contributes to the lens' anteroposterior stability.

**What do studies say?**

"The axial displacement and tilt tests showed that whatever the capsular bag (test-well) diameter, the optical part of the double C-loop IOL remained in a stable position."

Reference:


**Optimal rotational stability**

96% of the implanted eyes with the double C-loop IOL reached less than 5° rotation between 1 day to 3 months.

**What do studies say?**

"An exceptional average rotation of 1.85° +/- 1.01° was observed between 1 day and 3 months with the double C-loop IOL."

Reference:

F. Poyales, MD: Comparison of two IOLs with the same optics, two designs, two materials. ESCRS 2014.

**What do studies say?**

"The double C-loop platform was proven to give outstanding visual outcomes and patient satisfaction. 100% of the patients implanted achieved 20/20 or 1.0 (decimal) corrected distance visual acuity.*"

Reference:

C. Chassain, MD: Clinical outcomes after 3 years. Data on file with PhysIOL.

**What do studies say?**

"The double C-loop platform exceeds the stringent criteria established by the American National Standards Institute (ANSI) for toric IOLs. ANSI standard Z80.30-2010 requires that ≥ 90% of eyes experience a change in axis of ≤5° between two consecutive visits approximately 3 months apart."

Reference:

C. Chassain, MD: About 50 cases with a double C-loop toric IOL: cornea anatomical spotting versus corneal marking. ESCRS 2013.
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Proven minimal mean axis change

Besides its postoperative rotational stability, the double C-loop platform offers the surgeon easy maneuverability, both clockwise and counterclockwise, for accurate axis placement of the IOL.

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