PhysIOL double C-loop solutions

**ANKORISI MONOFOCAL OPTIC**
- Toric monofocal optic
- Double C-loop platform
- Non-preloaded injection system
- 10D to 30D power
- 1.50D to 6D cylinder power (IOL plane)

**PODEYE GFREE**
- G-free® monofocal IOL
- Double C-loop platform & WaveTech
- Non-preloaded injection system
- OD to 35D power

**FINEVISION MONOFOCAL OPTIC**
- Trifocal diffractive optic
- Double C-loop platform
- Non-preloaded injection system
- 6D to 35D power
- Additional power: +1.75D for intermediate vision and +3.50D for near vision

**FINEVISION TRIFOCAL OPTIC**
- Toric trifocal diffractive optic
- Double C-loop platform
- Non-preloaded injection system
- 6D to 35D power
- Additional power: +1.75D for intermediate vision and +3.50D for near vision
- 1D to 6D cylinder power (IOL plane)

**Other PhysIOL advanced optical solutions**

**MICRO+ MONOFOCAL OPTIC**
- Micro+ monofocal IOL
- Double C-loop platform
- Non-preloaded injection system
- 6D to 35D power

**MICROPURE MONOFOCAL OPTIC**
- Micropure monofocal IOL
- Double C-loop platform
- Non-preloaded injection system
- 6D to 35D power

**MICROPURE GFREE**
- Micropure monofocal IOL
- Double C-loop platform
- Non-preloaded injection system
- 6D to 35D power

Distributed by

**PhysIOL**

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**Beyond the limits of vision**

**www.physiol.eu**
### 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 the 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.**

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**Theoretical maximum optic tilt**

- C-loop hydrophobic, 19.0D
- PlakEye, 30.0D
- Pile haptic hydrophilic, 30.0D

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**Axial displacement in compression**

- C-loop hydrophobic, 19.0D
- PlakEye, 30.0D
- Pile haptic hydrophilic, 30.0D

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**Mean visual acuity over time**

- n = 54 eyes

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**Proven minimal mean axis change**

- 1.85° average rotation

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**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.

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**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."*

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**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."*

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**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."*

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**References:**


C. Chassain, MD: About 50 cases with a double C-loop toric IOL: corneal anatomical spotting versus corneal marking. ESCRS 2013.

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

Ref: "Is the double C-loop IOL platform effective in providing long-term VA stability?"

Excellent precise visual outcomes are the results of the double C-loop platform.

With its 4 fixation points and optimal diameter, this innovative design provides long-term VA stability.

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?

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

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

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.

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.

What do studies say?

"The double C-loop platform exceeds the stringent criteria established by the American National Standards Institute (ANSI) for 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."

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PhysIOL double C-loop solutions

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Other PhysIOL advanced optical solutions

- **MICROPURE 123 G-FREE**
  - Monofocal optic
  - Non-preloaded injection system
  - 6D to 30D power

- **MICROPURE 123 G-FREE**
  - Monofocal optic
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