

1stQ AddOn® Calculator

Easy-to-use calculation of sulcus-fixated AddOn IOLs for precise refractive outcomes

- Customize with monofocal, monofocal toric, trifocal and trifocal toric lens options
- Select from a wide range of spherical and cylindrical AddOn powers (small increments for accurate correction)

General recommendations:

- Target **emmetropia**
- Before initiating the calculation, please be sure to exclude patients with the conditions listed as **precautions** in the Instructions for Use:
 - Glaucoma
 - AMD
 - Shallow anterior chamber depth (ACD <2.80 mm measured from the corneal endothelium).
 - Absence of intact zonules
- Use only recent biometry data (measurements taken within the past month)

Calculations are based on:

1. SUBJECTIVE REFRACTION

- Precise, recent, stable and repeatable subjective refraction
- Uncorrected and corrected distance visual acuities (UDVA, CDVA, in deci-mal)

Please do not rely on autorefractometry information!

2. PSEUDOPHAKIC BIOMETRY

- Measurements after cataract surgery:
 - Axial length (AL)
 - Keratometry values (K1,K2)
 - Anterior chamber depth (ACD) of at least 2.80 mm (measured from the corneal endothelium)

3. PRIMARY IOL INFORMATION

- If available, information about the capsular bag IOL should be entered.

Corneal topography measurements are not mandatory for AddOn lens calculations however are useful for confirming the presence of regular or irregular corneal astigmatism.

Disclaimer

The 1stQ AddOn® Calculator is provided without warranty of any kind. The calculated values and information are indicative for the surgeon and do not replace the medical expertise of the surgeon. Medicontur Medical Engineering Ltd. and 1stQ Deutschland GmbH disclaim all warranties related to the accuracy of the calculated values with 1stQ AddOn® Calculator.

1stQ AddOn® Support Services

Patient selection → Lens calculation → Lens implantation

We offer personal consultation at every step along the way.

During the personalized training process, we provide an in-depth understanding of the Online Calculator. Would challenging cases arrive however, we are here to support you. [Please contact us!](#)



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AddOn Calculation Request Form

Please contact our team for the digital version of this document – once you have it:

1. Complete the online form and return it by clicking "send".
2. You will hear back from a calculation specialist within 3 business days.

* You can also request and return a PDF version of the form by emailing us at scientific@medicontur.com

REQUEST FORM

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