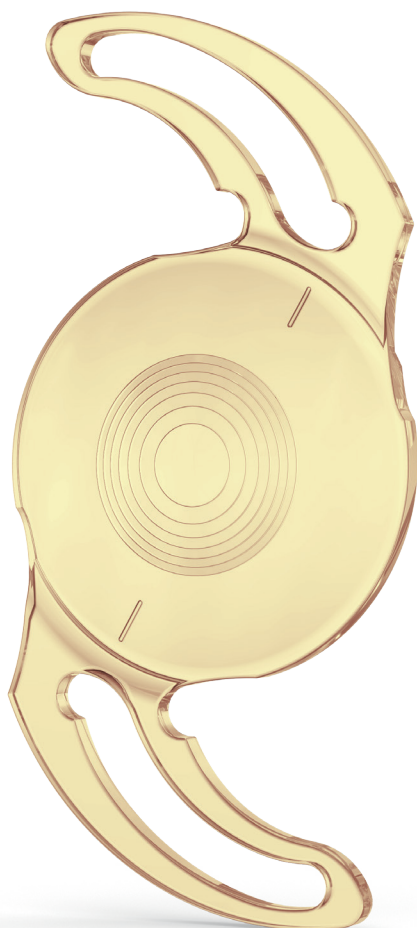


677CMTY

Single piece, sterile, foldable acrylic aspheric hydrophilic posterior chamber intraocular lens (IOL) with UV blocker and blue light filter. The optic is trifocal toric. The IOL is preloaded, which is part of an injection system, delivered in a special lens holder, that must be inserted into a dedicated injector before implantation.



YELLOW IOL

POWER RANGE

Powers

+8.0 D → +30.0 D (0.5 D steps) *

Addition

+3.5 D near
+1.75 D intermediate

Cylinders

1.0 D 1.5 D 2.0 D 2.5 D 3.0 D
3.5 D 4.0 D 4.5 D 5.25 D** 6.0 D**

MATERIAL

Copolymer of hydrophobic and hydrophilic monomers with 25% water content, UV blocker and blue light filter

Refractive Index

1.46

Abbe Number

58

DESIGN

Optic Diameter
Overall Diameter

6 mm

13 mm

Optic design

Aspheric - Aberration Neutral
Biconvex (+8.0 D → +35.0 D)

Nominal A-constant

118.9

Diffractive Zone

3 mm diameter diffractive array on the
anterior surface utilizing EPS technology

Haptic Design

Posterior vaulting fenestrated C-loops
with 0° angulation

PCO Prevention

360° sharp edge

Shelf Life

3 years after sterilization

INJECTION

Estimated Incision Size

2.2 - 2.4 mm

Compatible Injector

Medicel Accuject PRO 2.1 -1P
Medicel Accuject 2.1 -1P

CONSTANTS

for optical and immersion ultrasound measurements

SRK/T A-Constant

A = 118.828***
(optimized)

Haigis

a0 = 0.19***
a1 = 0.192***
a2 = 0.173***

Hoffer Q

pACD = 5.431***

Holladay I

SF = 1.682***

Barrett Universal II

LF = 1.79

Holladay II

ACD = 5.45
SF = 1.69

* Extreme powers available: +30.5 D → +35.0 D (0.5 D steps)

** available above +10.0 D SEQ ***Optimized constants based on more than 400 patients

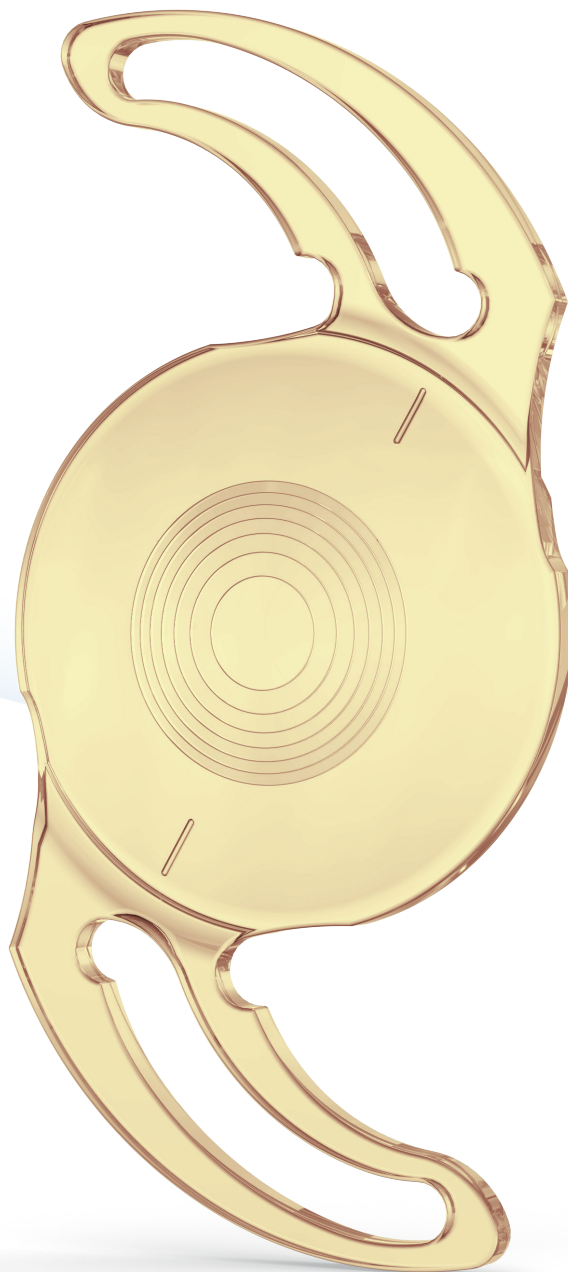
The safety and performance of Medicontur IOLs have been tested in clinical investigations and the clinical data demonstrate that these IOLs meet the requirements of the state of the art.

MEDICONTUR

677CMTY

PRELOADED

Trifocal
Toric
LIBERTY[®]
Accuject PRO



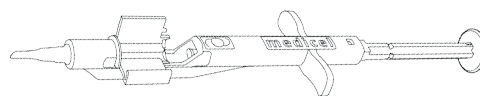
TRIFOCAL



TORIC



PRELOADED



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