

CLINICAL RESULTS

WIOL-CF[®] is the first bioanalogic IOL developed by mimicking the design, material and functionality of the natural crystalline lens. It has been implanted in many centers as a solution for cataracts and presbyopia. We have a number of individual reports about the results of WIOL-CF[®] implantations from European countries but we naturally face questions raised by those who are considering their first implantations.

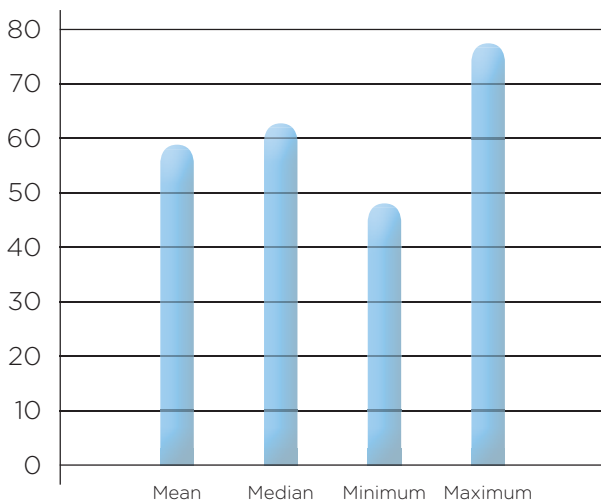
The data collected in the real-life multicenter observational registry database represents comprehensive and objective information that provide the necessary details and guidance for everyday clinical practise.

CZECH NATIONAL OBSERVATIONAL REGISTRY

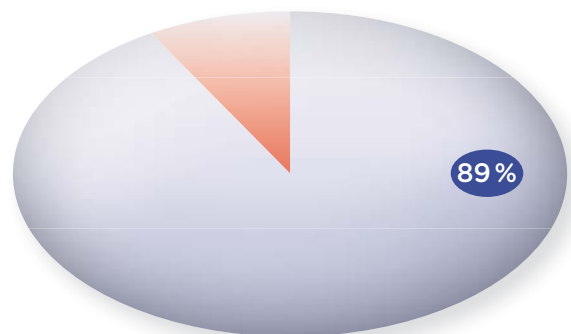
Czech National Observational Registry (CNOR) records the results of binocular WIOL-CF[®] implantations in multiple ophthalmic surgery centers in the Czech Republic. The interim analysis presented here features 3-months of data on 28 patients and 6-months of data on 17 patients.

DEMOGRAPHY OF PATIENTS

AGE



EXPECTATIONS

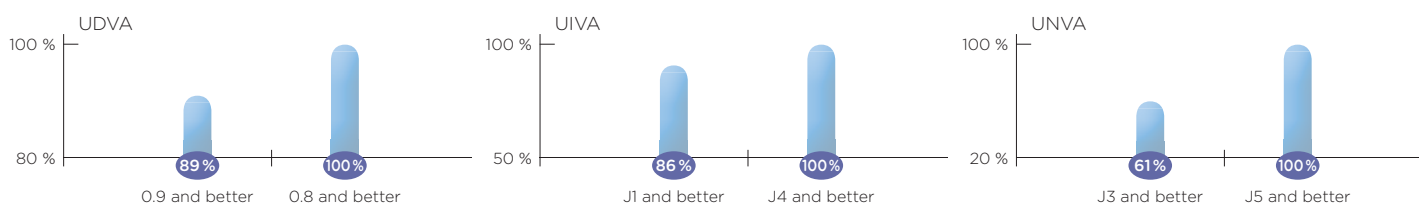


- I need good near vision at work
- I don't need good near vision at work

UNCORRECTED BINOCULAR VISUAL ACUITY

WIOL-CF® reached excellent visual acuity of far and intermediate vision. Registry recorded nearly 1.0 for UDVA, J1+ for UIVA and near vision within the range of social reading for all patients (UNVA average of J2.6)

Uncorrected binocular VA	N	Mean
UDVA (decimal)	28	0.98
UIVA (Jaeger)	28	J1+
UNVA (Jaeger)	28	J2.6



RESULTS ARE STABLE



Mean	3 months	6 months
UDVA	0.98	0.97
UIVA	J1+	J1+
UNVA	J2.8	J2.8

BEST CORRECTED MONOCULAR VISUAL ACUITY

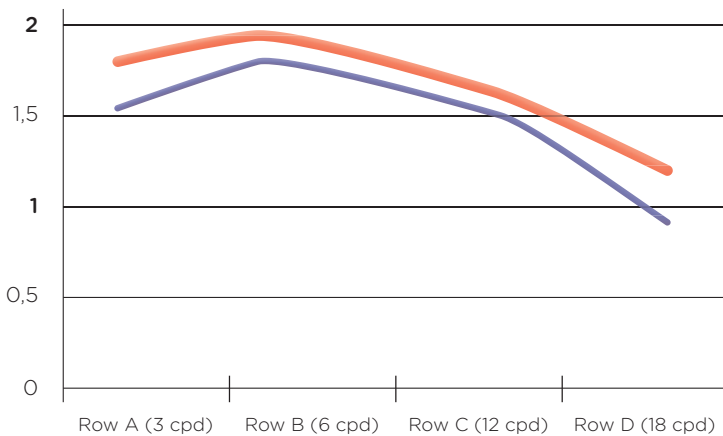
Results close to 1.0 for BCDVA and J1 for BCNVA confirm the safety of WIOL-CF[®] implantation (possibility of correction by spectacles when necessary).

Monocular	N	Mean
BCDVA (decimal)	35	0.93
BCNVA (Jaeger)	35	1.27

WIOL-CF[®] PROVIDES MORE THAN VISUAL ACUITY

HIGH CONTRAST SENSITIVITY

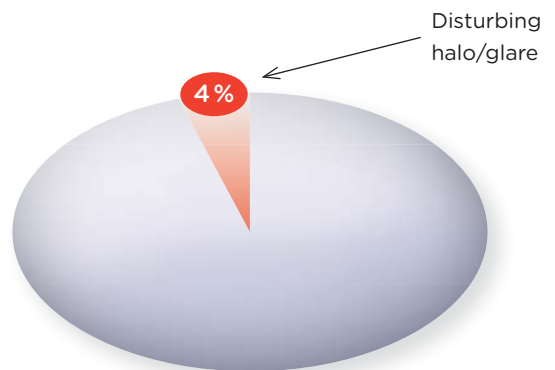
Contrast sensitivity of WIOL-CF[®] exceeds population norms for all light conditions



— WIOL-CF[®] (mesopic)
 — Population norm, age 50 to 75

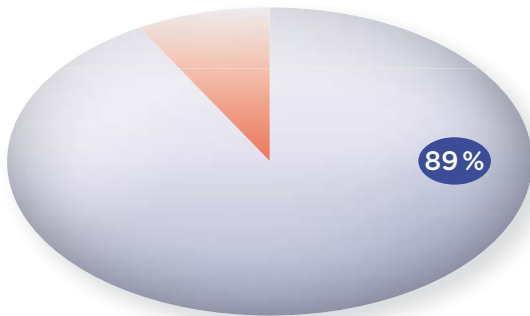
LOW INCIDENCE OF OPTICAL PHENOMENA

Solicited reporting shows only 4% of disturbing optical phenomena, the level comparable with monofocal IOLs



PATIENTS ARE SATISFIED

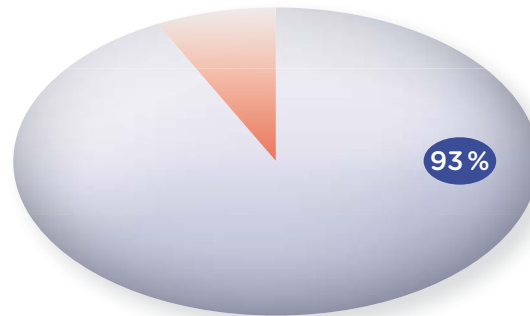
SUBJECTIVE SATISFACTION



Satisfied



SPECTACLE INDEPENDENCE



Spectacle independent (near)



BIOANALOGIC APPROACH — A NEW TREND IN IOL DEVELOPMENT

Czech National Observational Registry confirms many favorable results from other European countries reported individually as well as the results of previous WIOL-CF[®] studies (on over 500 eyes). WIOL-CF[®] provides excellent quality of vision for all distances and under all light conditions. Patients report a high level of subjective satisfaction and spectacle independence. Incidence of halo and glare is at the level of monofocal IOLs.

WIOL-CF[®] represents a new trend in replacing the natural crystalline lens by a man-made product. It is optimized for life in its complexity, not just to achieve good results in clinical trials, under strictly defined conditions and limited sets of parameters. WIOL-CF[®] mimics the natural crystalline lens in many aspects and restores its function to serve the brain in a natural way.

Reference: Sivekova D et al: ESCRS, Amsterdam, 2013

MEDICEM International GmbH
Baarerstrasse 8, 6300 Zug
Switzerland

www.wiols.com



www.medicem.com