



## XXXII Congress of the ESCRS

13-17 September 2014, Excel, London, UK.

London 2014 | Programme | Exhibition | Online Evaluations

#ESCRS14 - Keep up to date and join the conversation 

### Main Links

#### SCIENTIFIC PROGRAMME

[NEW - ONLINE EVALUATIONS](#)

[NEW - BEST OF THE BEST](#)

[NEW SESSIONS](#)

[PROGRAMME OVERVIEW](#)

[CALL FOR PAPERS](#)

[COURSES](#)

[FEMTOSECOND LASER ASSISTED CATARACT SURGERY](#)

[FREE PAPER SESSIONS](#)

[JOHN HENAHAN PRIZE](#)

[PRACTICE MANAGEMENT & DEVELOPMENT PROGRAMME](#)

[POSTER ABSTRACTS](#)

[POSTER VILLAGE](#)

[POSTER VILLAGE OVERVIEW](#)

[SATURDAY 13 SEPTEMBER](#)

[SUNDAY 14 SEPTEMBER](#)

[MONDAY 15 SEPTEMBER](#)

[TUESDAY 16 SEPTEMBER](#)

[PRESBYOPIA WORKSHOP](#)

[REFRACTIVE SURGERY DIDACTIC COURSE](#)

[SYMPOSIA/LECTURES](#)

[SURGICAL SKILLS / WETLABS](#)

[UKISCRS/ESCRS VIDEO SYMPOSIUM](#)

[VIDEO SESSION](#)

[VIDEO SYMPOSIUM ON CHALLENGING CASES](#)

[WORKSHOP ON VISUAL OPTICS](#)

[YOUNG OPHTHALMOLOGISTS](#)

[REGISTRATION](#)

[EXHIBITION](#)

[HOTEL BOOKING](#)

[SATELLITE MEETINGS](#)

[VIRTUAL EXHIBITION](#)

Course handouts are now available [Click here](#)

[Come to London](#)



WATCH to find out why

Site updates:

Programme Updates. Programme Overview and - Video Symposium on Challenging Cases now available.

## Posters

Search Abstracts by author or title (results will display both Free Papers & Poster)



Early experience with a new toric IOL for correction of astigmatism in cataract surgery

Poster Details

First Author: B.Toygar *TURKEY*

Co Author(s): O. Toygar O. Yabas Kızıloglu A. Hacimustafaoglu K. Keskinbora

Abstract Details

Purpose:

To report early clinical experience with a foldable, hydrophobic acrylic, natural yellow, single piece design, injectable, toric IOL.

Setting:

Bahcesehir University Faculty of Medicine, Medical Park Hospital Goztepe, Istanbul, Turkey

Methods:

Keratometric, refractive and visual data were collected on patients listed for cataract surgery. To IOLs were suggested to where corneal cylinder was greater than or equal 1.00 diopters. Bilateral implantation of Eyecryl Toric IOL was performed after phacoemulsification. The following parameters were carried out; uncorrected visual acuity (UCVA), best corrected visual acuity (BCVA), residual keratometric and refractive cylinders, and post-op rotational stability of IOL. The eyes were followed for 3 months.

Results:

The study included 40 eyes of 20 patients. The UCVA was 0.3 LogMAR (20/40 SNELLEN) or better 96.7 % of eyes and 0.1 LogMAR (20/25 SNELLEN) or better in 62.00 %. The mean residual refractive astigmatism was 0.5 ± 0.5 (SD). All eyes achieved 0.1 LogMAR (20/25 SNELLEN) or better BCVA. At last follow up visit IOL alignment was within ± 5° in % 93 of patients and ± 10° in % 99 of patients

Conclusions:

Based on our early postoperative experience, we have found Eyecryl Toric IOL is safe and effective which reduces the refractive effects of pre-existing corneal astigmatism. FINANCIAL INTEREST: One of more of the authors... receives consulting fees, retainer, or contract payments from a company producing, developing or supplying the product or procedure presented, One of more of the authors... travel has been funded, fully or partially, by a competing company

[Back to Poster listing](#)