

Recommended Poster and Free Paper Sessions


Free Paper Sessions

Session Name: **FP06** EDOF

Date/Time: Saturday 09/10/2021 / 14:03-14:09 | Location: Auditorium

Near and distance stereoacuity of Low-Add Bifocal Intraocular Lenses and Mini-Monovision Pseudophakia

Conclusions: Better near and distance stereoacuity were observed in patients implanted with LENTIS® Comfort IOL compared with mini-monovision pseudophakia. All Groups showed excellent distance and intermediate and good near uncorrected visual acuity at all distances.

Speaker: Muhammad Biadisy, *ISRAEL* 

01

Session Name: **FP11** FLACS + CS compl + Special

Date/Time: Sunday 10/09/2021 / 14:03-14:09 | Location: Hall 11

Safety and efficacy of implantation of the FEMTIS® Lens using the LENSAR™ Laser System - a series of 693 eyes

Conclusions: The implantation of the FEMTIS® lens was found to be safe and effective. After a flat learning curve, the implantation is fast and free of complications. Especially no PCR or capsule tear were noticed. If miotic drugs are used, potential but rarely seen early postoperative complication of an iris capture disappeared. Signs of secondary glaucoma due to the lens design was not found in this analysis too. The advantages of this IOL design like better centration, high rotation stability and less tilt compared to normal capsular bag IOL are not diminished at all to lens design related complications.

Speaker: Detlef Holland, *GERMANY* 


02

Posters

Poster Name: **Cataract** PP055

Increased Nd: YAG Laser Capsulotomy Rates in Toric Intraocular Lens compared to Non-toric Intraocular Lens


Conclusions: Patients with refractive multifocal toric IOLs had higher early incidence rates of Nd: YAG laser capsulotomy when compared to those with refractive multifocal non-toric IOLs. Furthermore, femtosecond laser-assisted cataract surgery could not reduce the early incidence of Nd: YAG laser capsulotomy in this study.

Presenting Author: Jung Wan Kim, *REPUBLIC OF KOREA* 

03

Poster Name: Cataract PP161**Real-World Evaluation of Blended Vision with a Refractive Low Add EDoF IOL with Blue Light Filter**


Conclusions: Blended vision with ACUNEX® Vario provides excellent visual outcomes across a wide range of distances from far to intermediate up to 60 cm. The photopic phenomena are comparable with other refractive EDoF IOL, but better than diffractive EDoF IOL. We mainly implant this EDoF IOL in the Duesseldorf Formula model as blended vision. Thus, the patients can see far, PC and iPad distance and read usual book-and newspaper print without glasses and without suffering from photopic phenomena. However, small print reading is not possible as with diffractive trifocal MIOL.

Presenting Author: Detlev Breyer, GERMANY 

04

Poster Name: Cataract PP163**First Evaluation of a New Refractive Low Add EDoF Toric IOL with Blue Light Filter**


Conclusions: ACUNEX® Vario Toric is the only low add toric EDoF IOL with glistening free blue light filter available right now. Therefore, we do have a further possibility to provide our patients with astigmatism and presbyopia with an option for an advanced independency of glasses in refractive lens exchange and cataract surgery.

Presenting Author: Verena Zeitz, GERMANY 

05

Poster Name: Cataract PP233**Prospective study to evaluate visual acuity, contrast sensitivity and patient satisfaction after bilateral implantation of a glistening-free hydrophobic EDoF intraocular lens**


Conclusions: The ACUNEX® Vario intraocular lens shows satisfying visual acuity values for far distance including a good intermediate vision up to 60 cm. Also the patients subjectively report a high satisfaction rate with independence from eyeglass correction for far and intermediate distances. Halo & Glare are less affecting than in cataract patients and comparable monofocal IOLs. The contrast sensitivity results are also comparable to monofocal, aberration neutral and aberration correcting IOLs. All in all a good option for patients who want to go spectacle independent with acceptance for reading glasses.

Presenting Author: Florian Kretz, GERMANY 

06

Poster Name: Cataract PP237**Clinical Analysis of LENTIS® Comfort EDoF Intraocular Lens Implantation**


Conclusions: LENTIS® Comfort IOL provides high distance and intermediate visual acuity with some decrease for near distance; provides high quality vision under medium and low contrast conditions with a slight decrease under flare conditions.

Presenting Author: Yuliya Nenasheva, RUSSIAN FEDERATION 

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 marketing@teleon-surgical.com

 www.teleon-surgical.com

Teleon Surgical B.V.

Van Rensselaerweg 4 b

6956AV Spankeren, The Netherlands