

# ESCRS 2020 Scientific Program

## FEMTO LDV Z8

### CATARACT

J. Langer

**Changes in retinal vessel density after femtosecond laser-assisted cataract surgery (FLACS) measured by optical coherence tomography angiography (OCTA)**

<https://www.escrs.org/amsterdam2020/programme/posters-details.asp?id=36004>

O. Moraru

**Tips and tricks for using at its highest potential the FemtoLaser technology in challenging cataract cases**

<https://www.escrs.org/amsterdam2020/programme/posters-details.asp?id=36006>

Z. Yap

**Intraocular pressure changes during Ziemer LDV Z8 femtosecond laser pretreatment between eyes with primary angle closure disease and normal eyes**

<https://www.escrs.org/amsterdam2020/programme/posters-details.asp?id=36017>



### KERATOPLASTIES

A. Belodedova, B. Malyugin

**Femtosecond laser-asisted DALK: different techniques in order to reach big bubble**

<https://www.escrs.org/amsterdam2020/programme/free-papers-details.asp?id=36699>

M. Sarmento

**Double-docking femtosecond anterior lamellar keratoplasty short term results**

<https://www.escrs.org/amsterdam2020/programme/posters-details.asp?id=35850>

V. Wittwer

**Manual vs femtosecond laser-assisted deep anterior lamellar keratoplasty with intraoperative optical coherence tomography-guided big-bubble channel: a multicenter case study with one-year follow-up**

<https://www.escrs.org/amsterdam2020/programme/posters-details.asp?id=35891>



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### LENTICULE

S. Bharti

**Initial results of refractive lenticule extraction with Ziemer Z8 Femtosecond Laser**

<https://www.escrs.org/amsterdam2020/programme/free-papers-details.asp?id=37063>

L. Izquierdo

**Early clinical outcomes of a new low energy femtosecond guided lenticule extraction in mild to moderate myopia**

<https://www.escrs.org/amsterdam2020/programme/free-papers-details.asp?id=36777>

### CROSSLINKING

T. Seiler

**Corneal oxygen consumption and concentration levels during corneal cross-linking with and without supplementary oxygen  
(the corneal tunnel was made by Z8)**

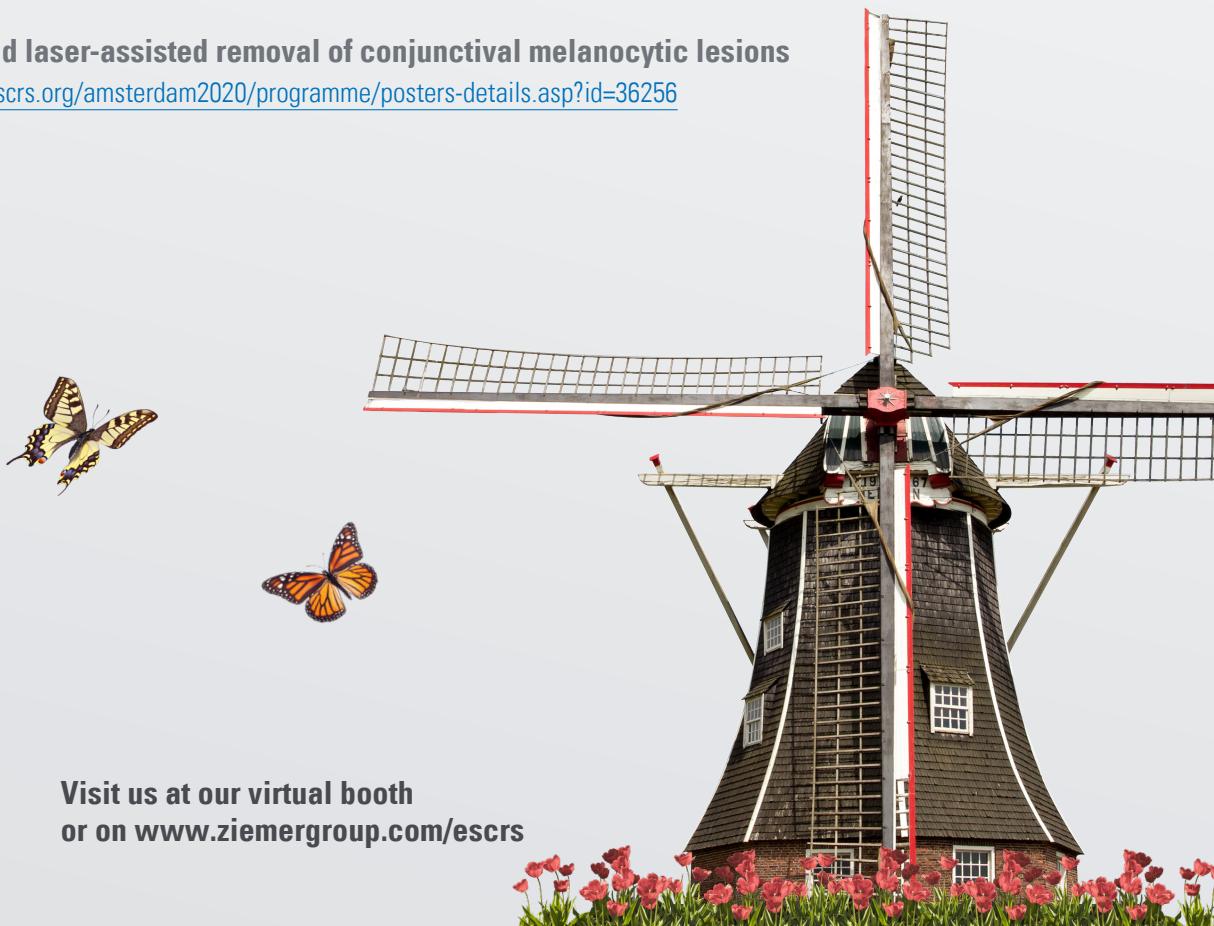
<https://www.escrs.org/amsterdam2020/programme/free-papers-details.asp?id=36770>

### PTERYGIUM

V. Dimacali

**Femtosecond laser-assisted removal of conjunctival melanocytic lesions**

<https://www.escrs.org/amsterdam2020/programme/posters-details.asp?id=36256>



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## GALILEI

H. Alrabiah

**Posterior corneal surface, a new powerful tool for ophthalmologists**

<https://www.escrs.org/amsterdam2020/programme/posters-details.asp?id=35783>

S. Awwad

**Biomechanical evaluation of topographically and tomographically normal fellow eyes of keratoconus patients**

<https://www.escrs.org/amsterdam2020/programme/posters-details.asp?id=36088>

S. Awwad

**Comparative evaluation of corneal tomography symmetry based on centration: corneal vertex vs corneal geometric center**

<https://www.escrs.org/amsterdam2020/programme/free-papers-details.asp?id=36832>

F. Erthal

**Comparison of optical biometrics results between three devices**

<https://www.escrs.org/amsterdam2020/programme/posters-details.asp?id=35573>

M. Leitão

**Intrastromal corneal ring segments in keratoconus: success and failure on a 10 year experience**

<https://www.escrs.org/amsterdam2020/programme/posters-details.asp?id=35837>

C. Mehanna

**Repeatability of field averages versus single point measurements of maximal corneal curvature and elevation in keratoconus using a dual scheimpflug-placido topography system**

<https://www.escrs.org/amsterdam2020/programme/posters-details.asp?id=36106>

C. Mehanna

**Sectorial thickness progression index: a fixation-independent parameter for the detection of keratoconus (Corneal Thickness Progression Report)**

<https://www.escrs.org/amsterdam2020/programme/posters-details.asp?id=36107>

S. Pantanelli

**Using biometry and topography based measurements to predict refractive astigmatism after cataract surgery**

<https://www.escrs.org/amsterdam2020/programme/posters-details.asp?id=36112>



PAPER



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