The PROGRAM

The 18th Russian National Congress
«Modern technologies in cataract and refractive surgery»

October 19-21, 2017

Venue: Moscow, Kutuzovsky Prospekt 2/1, bld. 1
Moscow, Beskudnikovskiy Blvd, 59a
19TH OF OCTOBER, THURSDAY

Moscow, Beskudnikovskiy Blvd, 59a
Sv. Fyodorov Eye Microsurgery Federal State Institution

« Glaucoma Day « + ZIEMER Academy
Glaucoma & Cataract Surgery:
from traditions to innovations

Venue: Moscow, Kutuzovsky Prospekt 2/1 bld. 1
Moscow, Beskudnikovskiy Blvd, 59A

Conference Hall of the Main Building

09.00-12.00  Live-Surgery Demonstration
The Stream from the Operating Unit of the main building
of Sv. Fyodorov Eye Microsurgery Federal State Institution

The Chairpersons: Zuyev V. K., Pershin K. B., Pozdeeva N. A.
Shilovsky O. V. Kopaeva V. G., Balalin S. V.

Responsible persons for the communication
with the operating room: Golovin A. V., Yuryeva T. N.

Surgeon: B.E. Malyugin (Moscow), Kopaev S. Yu. (Moscow),
Sobolev N.P. (Moscow) Ivanov D. I. (Yekaterinburg),
Batkov E. N. (Cheboksary)

12.00-13.00  Lunch break

13.00-15.00  Glaucoma day. Session I
Innovative technologies in combined glaucoma surgery
and complicated cataract

The Chairpersons: Erichev V. P., Ivanov D. I., Sokolovskaya T. V.,
Anisimova S. Yu., Pershin K. B., Malyugin B. E.,
Lebedev O. I.

Plenary presentation (30 min)
Malyugin B. E. (Moscow)

Current combined micro-invasive surgeries in a combination of glaucoma and cataract

Teleconference Moscow-Madrid. Online lecture

Prof. Garcia Feijoo (Spain)
The possibility of microinvasive glaucoma surgery: InnFocus MicroShunt

Duration – 12 min.

Erichev V. P. (Moscow)
Drains in the combined surgery of glaucoma and cataracts

Ivanov D. I. (Yekaterinburg)
Phacoemulsification combined with ab interno trabeculotomy

Pershin K. B., Pashinova N. F., Tsygankov, A. Yu., Solovyeva G. M. (Moscow)
Combined glaucoma surgery and complicated cataract with implantation of multifocal IOL

Malyugin B. E., Sokolovskaya T. V., Teplodovskaya V. V., Yashina V. N. (Moscow)
Laser activation of trabecula combined with surgical treatment of primary open-angle glaucoma and complicated cataracts

Lebedev O. I., Chetvergova A. E., Kalinnikova E. A. (Omsk)
Peculiarities of combined surgery of glaucoma and cataracts

Anisimova S. Y., Anisimov S. I., Arutyunyan L. L. (Moscow)
The results of combined antiglaucomatous surgery and the FLACS

15.00-15.30 Coffee break
15.30-17.30  Glaucoma day. Session II

Modern aspects of etio-pathogenesis and adequate treatment of primary angle-closure glaucoma

The Chairpersons: Egorov E.A., Egorov V. V., Strakhov V. V., Zolotarev A.V. Fabrikantov O. L., Khodjaev N.S., Chunwei Zhang, Nikolashin S. I.

Duration – 12 min.

Khodjaev N.S., Uzunyan D. G. (Moscow)
Basic mechanisms of primary angle-closure glaucoma development in the focus of UBM

Strakhov V. V. (Yaroslavl)
Modern data about ways of aqueous fluid outflow from the eyes

Egorov E. A. (Moscow)
Medication support of cataract surgery in glaucoma eyes

Chunwei Zhang (China)
Relationship between ganglion cell layer thickness and estimated retinal ganglion cell counts in the glaucomatous macula

Egorov V.V., Sorokin E.L., Marchenko A. N. (Khabarovsk)
Lenticular component in the block formation of the anterior chamber angle (to the question of the pathogenesis of closed-angle glaucoma)

Sidorova A.V. (Moscow)
Anatomical and topographic changes in eyes after laser iridectomy at the mixed form of glaucoma

Markova A. A., Pozdeeva N. A. Gorbunova N. Yu., Batkov E. N. (Cheboksary)
Endoscopic laser cyclophotocoagulation in the combined treatment of angle-closure glaucoma
Karlova E. V., Zolotarev A.V. (Samara)
The management of patients with primary glaucoma who need cataract surgery

Nikolashin S. I., Pirogova, E. S. (Tambov)
Pathogenetically based surgical treatment of the acute attack of angle-closure glaucoma

The discussion

19TH OF OCTOBER, THURSDAY

Conference hall of the Polyclinic Building

10.30-12.00   ZIEMER Academy. Session 1
10.30-10.40   B.E. Malyugin
              Welcome and introduction
10.40-11.10   Jodhbir Mehta (Singapore)
              Low-energy technologies and scientific background of the design of the femtosecond laser system Z8
11.10-11.20   Questions and answers
11.20-11.50   B.E. Malyugin
              Questions of optimal organization of work of the surgeon in the FLACS technology using. Analysis of challenged cases of cataract surgery with femtosecond laser assistance
11.50-12.00   Questions and answers

12.00-13.00 lunch break
19TH OF OCTOBER, THURSDAY

Moscow, Beskudnikovskiy Blvd, 59a
Sv. Fyodorov Eye Microsurgery Federal State Institution

13.00-15.00  ZIEMER Academy. Session 2
13.00-13.30  Rupert Menapace (Austria)
             Cataract surgery with the use of Z8
13.30-13.40  Questions and answers
13.40-14.10  Jodhbir Mehta (Singapore)
             Keratoplasty and pterygium surgery
14.10-14.20  Questions and answers
14.20-14.50  Rupert Menapace (Austria)
             Laser Arcuate keratotomy
14.50-15.00  Questions and answers

15.00-15.30  Coffee break

15.30-18.00  ZIEMER Academy. Session 3
             (invite only)
15.30-17.30  Wet-lab with experts
             Location: Scientific-educational center
             of the Sv. Fyodorov Eye Microsurgery Federal State institution, Annex
             building, 6th floor
17.30-18.00  Questions and answers

The certificates Distributions
**THE 18TH RUSSIAN NATIONAL CONGRESS**

**MODERN TECHNOLOGIES IN CATARACT AND REFRACTIVE SURGERY**

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**20TH OF OCTOBER, FRIDAY**

Moscow, Kutuzovsky Prospekt 2/1, bld. 1

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**The Main Hall**

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09.00-09.30  **Opening Ceremony of the conference**

A video dedicated to the 90th anniversary from the birthday of academician S. N. Fyodorov


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09.30-11.00  **Femtosecond technologies for the refractive errors correction**


*Duration – 12 min.*

_Doga A. V., Mushkova I. A., Karimova A. N., Kechin E. V. (Moscow)_

Clinical and functional results of myopia correction by the Femtolasik with the use of different laser systems

_J. Mehta (Singapore)_

Comparison of femtosecond lasers for LASIK

_Izmailova S. B. (Moscow)_

Femto-second support in corneal pathology surgery – innovation and achievement
20TH OF OCTOBER, FRIDAY
Moscow, Kutuzovsky Prospekt 2/1, bld. 1

Duration – 7 min.

*Dutchyn I. V., Shishkin S. A., Sorokin E. L. (Khabarovsk)*
The first results of a thin flap formation when performing Femto-LASIK in patients with clinically thin cornea

*Kulikova I.L, Pashtaev N.P. Gagloeva A.V., Shlenskaya, Chapurin N.In. (Cheboksary)*
Dynamics of changes in the anterior-posterior axis of the eyeball in children with hyperopia after laser in situ Keratomileusis with FS-support

*Kulikova I. L., Pashtaev N.P, Chapurin N.V. (Cheboksary)*
Femtolasik in children with hyperopic anisometropia with a femtosecond system FemtoVisum

*Egorov V. V., Sorokin E. L., Dutchyn I.V. (Khabarovsk)*
The study of the predictability of the planned and achieved functional results, and their longterm stability for the myopia correction by LASIK, Femto-LASIK and ReLEx Smile

*Kostin O. A., Rebrikov S. V, Ovchinnikov A. I., Stepanov A. A. (Yekaterinburg)*
The results of the residual refractive error correction after the SMILE surgery with the «CIRCLE» technology followed by the excimer laser ablation

A new approach to the correction of residual myopia after femtosecond assisted extraction of a lenticule through a small incision.

*Kachanov A. B., Nikulin S. A. (Saint-Petersburg)*
Application of ReLEx® SMILE technology for high myopia correction

*Eskina E. N. (Moscow)*
The results of high myopia correction by the methods of ReLex SMILE and Trnas-PRK. What about the comparison?

*Klokova O. A., Piskunov A.V. (Krasnodar)*
2000 steps on the way to 20/20 with ReLEX SMILE technology
11.00-11.15  Coffee break

11.15-12.15  Honorary lectures

Avetisov S. E. (Moscow)
«Extreme» refractive disorders: terminology errors?

Rudy Nuijt (Netherlands)
Innovations in cataract surgery: evidence is what we need

Diplomas to the sponsors award.

Award the best video submitted to the young ophthalmologists competition

12.15-14.15  Clinical results of the femtosecond lasers using in cataract surgery


Duration – 10 min

P. Vinciguerra (Italy)
FLACS how to improve outcome by shot power and shot spacing optimization in femto lasers?

J. Mehta (Singapore)
Improving Femtosecond Laser Capsulotomy in Edematous Corneas
Duration – 7 min.

Shilovskyh O. V., Ulyanov A. N., Laptev B. V., Rebrikov I. S.  
(Yekaterinburg)  
Comparison of surgically induced astigmatism while performing  
corneal tunnel incision with disposable standardized metal keratome  
and femtosecond laser

Voskresenskaya A. A., Pozdeeva N. A. Batkov E. N. (Cheboksary)  
Femto-assisted cataract surgery in congenital aniridia

Solomatin I. I., Gertnere J. (Latvia)  
Results of femtosecond assisted surgical treatment of cataract  
with pseudoexfoliation syndrome

Malyugin B. E., Sobolev N. P. Borzenok S. A., Anisimova N.S., Popov I. A.,  
Nazyrov A.A., Kirtaev R.V.(Moscow)  
Specifics of transection of hydrophobic intraocular lenses using  
femtosecond laser

Branchevsky S. L., Malov I. V., Branchevskaia E. S. (Samara)  
Comparative analysis of the clinical results of a standard  
phacoemulsification and femtolaser-assisted phacoemulsification  
with implantation of diffractive and multifocal IOLs

Mishchenko, O. P., Senchenko N. I., Yurieva T. N., Tsyrenzhapova E. K.  
(Irkutsk)  
The advantages of femtosecond fragmentation in the high density  
nuclear cataract

Tereshchenko A.V., Trifanenkova I. G., Ivanov A. M., Okuneva M. V., Vlasov M. V.,  
Karpunina A. S. (Kaluga)  
The Experience of femtosecond laser cataract surgery in the Kaluga  
branch of Sv. Fyodorov «Eye Microsurgery» Federal State institution

Shukhaiev S. V., Naumenko V. V. (Saint Petersburg)  
Subjective evaluation of patients results in two surgeries:  
femtosecond laser and conventional phacoemulsification
«LenSx» energy parameters optimizing in the lens fragmentation
with the using of the «Pentacam»

14.15-15.00 Lunch break

15.00-16.30 **ESASO Live surgery**
Moderator: Sobolev N.P.
The Chairpersons: Trubilin V. N., O. Findl, R. Nuijts, Belikova T. V., Izmaylova S. B.
Equipment: LenSx, Verion, Centurion

**Presentation of the Ultrasert**
José Güell (Spain)
Malyugin B.E. (Russia)
Konovalov M. E. (Russia)

16.30-16.45 Coffee pause

16.45-18.45 Video Symposium.
**Challenging clinical cases**
**from the practice of cataract surgeon**

*Duration – 5 min*

Iskakov I. A. (Novosibirsk)
**History repeats itself...will there be a sequel?**
Shilovskyh O. V. (Yekaterinburg)
IOL Removal

Pershin K. B. (Moscow)
Surgery of complicated congenital cataract

Trubilin V. N. (Moscow)
Phacoemulsification of complicated cataract with complete
irido-corneal contact

Sobolev N. P. (Moscow)
Femtosecond laser accompanied cataract surgery in patients
with iris defects

Dementyev D. D. (Moscow)
Cyclodialysis after phakic IOL implantation

Shanturova M. A. (Irkutsk)
Pleasant surprises

Shukhaev S. V. (St. Petersburg)
Blind phacoemulsification

Nikolaeva Y. A. (Orenburg)
A clinical case of optical part of the IOL fixing in a patient with
Marfan’s syndrome after secondary cataract dissection

Egorova A.V., Vasilyev A. V. (Khabarovsk)
Features of atypical congenital cataract surgery

Nikolashin S. I., Fabrikantov O. L., Pirogova E. S. (Tambov)
Phacoemulsification in an eye with angle-closure glaucoma

Goncharenko O. V., Sakhnov S. N., Martsinkevich O. A. (Krasnodar)
Surgery of congenital ectopia of the lens 3 level in children

Batkov E. N. (Cheboksary)
Topological puzzle
Ivanov A. M. (Kaluga)
Femtosecond laser accompanied cataract phacoemulsification with the negative IOL removal followed by posterior chamber IOL implantation

Kadatskaya N. V. (Volgograd)
A variant of sutureless fixation of a three-part IOL in case of capsular support absence

Small hall №1

Organizer: Novartis company
Chairman: Professor B. E. Malyugin
Report duration – 20 min

Teplovodskaya V. V.
Lessons of real practice of using various NSAIDs. What affects our choices?

Ioshin I. E.
The role of the surgeon after the phacoemulsification. Where it is important to focus?

Lipatov D. V.
Cataracts and diabetes. When we minimize the risks?

10.30-10.45 Coffee break
20TH OF OCTOBER, FRIDAY
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1 0.45-11.45 Satellite Symposium
   «YAG-laser vitreolysis: place
   in clinical practice»
   Organizer: «Tradomed Invest»
   Co-Chairs: Wegener M., Pedanova E. K.

*Duration of the report – 30 min.*

Wegener M., MD (Antwerp, Belgium)
YAG laser vitreolysis: safe and effective alternative for vitrectomy?

*Duration of the report – 15 min.*

Pedanova E. K. (Moscow)
Functional results of YAG-laser vitreolysis in patients with opacities of the vitreous body

Discussion.

11.45-12.00 Coffee break

12.00-13.00 Satellite Symposium
   «Before and after surgery: clinical cases of the corneal inflammation and trophic disturbances compensation»
   Organized by «Ursafarm Arzneimittel GmbH»

13.00-14.00 Lunch break
14.00-16.00 Specifics of cataract surgery technique and IOL calculations in complicated cases. Part 1

Chairpersons: Malyugin B. E., Temirov N. E., Findl O., Menapace R., Schultz G., Konovalov M. E., Takhtaev Y. V., Fokin V. P.

Duration – 12 min.

O. Findl (Austria)
Posterior capsule opacification – problem not solved

Menapace R. (Austria)
Primary posterior capsulorhexis: rationale and technique

G. R. Schultz (USA)
Persistent Diplopia Following Retrobulbar and Peribulbar Injections

Miroshnikov V. V., Tikhonov A.V. (Rostov-on-Don)
Suture fixation of the IOL. Evolution of the technique

Kadatskaya N. V. Maruhnenko, A. M., Fokin V. P. (Volgograd)
Comparison of longterm results of different methods of intraocular correction of aphakia in the absence of capsular support

Kozhukhov A. A. (Moscow)
Fixation of various types of posterior chamber intraocular lenses in complicated cases of cataract surgery
20TH OF OCTOBER, FRIDAY

Small hall № 2

09.30-11.30  New trends in intraocular correction. Multifocal and toric IOLs. Part 1

Duration – 12 min.

O. Findl (Austria)
Optimising treatment of astigmatism – taking the last hurdles

P. Vinciguerra (Italy)
Toric IOL Identification of the real dioptric power and axis of astigmatism pre op

Rozenbaum JP (France)
Diffractive IOLs: Is Bi or Trifocal the main question? Study with the FullRange MF

Malyugin B. E., Malyutina E. A. (Moscow)
Clinical and functional results of a trifocal IOL implantation

Scharioth G. (Germany)
Results of «Scharioth Macula Lens» intraocular lenses implantation in patients with AMD

Kovalev A. I. (Kyiv, Ukraine)
Experience in the use of STAAR company phakic IOLs

11.30-12.00  Coffee break
12.00-13.30  Round table «Questions regarding diagnostics and treatment tactics in patients after refractive surgery»
Part 1
Moderators: Kostenev S. V., Antonov A. A., Kiseleva T. N.,
          Gorbunova N. Yu. Maltsev D.S., Maychuk N.V.,
          Karimova A. N., Panteleev E. N.

The role of the morphometric and in vivo histomorphological parameters of the cornea study of in determining the tactics of induced refractive disorders correction

Panteleev E. N., Agafonov S. G. (Moscow)
The options of calculating the optical power of the IOL after previously performed keratotomy

Antonov A. A. (Moscow)
Features of ophthalmotonometry after keratorefractive operations

D. S. Maltsev (Moscow)
The OCT-mapping of the corneal epithelium in the practice of a refractive surgeon

Karimova A. N. (Moscow)
The role of keratotopography in personalized correction of induced ametropia

Kiseleva T. N. (Moscow)
Biometry of the eye after keratorefractive operations: what’s new?

13.30-14.30  lunch break
14.30-16.00 Round table «Questions regarding diagnostics and treatment tactics in patients after refractive surgery»
Part 2. Analysis of clinical cases

16.00-16.15 Coffee break

Auditorium №1
ESASO – Alcon Wet Lab
10.00-11.30 Part 1. Mentor: Tahtaev Yu. V.
11.30-13.00 Part 2. Mentor: Trubilin V. N.

13.00-14.00 Lunch break

14:00-16:00 Part 3. Mentor: Zoltan Nagy

Auditprium No. 2
10:00-17:00 Best videos and winners of ASCRS-2017 Film Festival: non-stop

Auditorium №3
11.30-12.30 Satellite Symposium «STAAR Phakic correction – much is possible»
Organizer: FOCUS company
21ST OF OCTOBER, SATURDAY
Moscow, Kutuzovsky Prospekt 2/1, bld. 1

The great hall

ESASO Forum (European School for Advanced Studies in Ophthalmology)
«Innovations and current trends in Cataract Surgery»

09.00-09.05 Opening remarks from ESASO – José Güell (Spain)
09.05-10.30 Hot topics in ophthalmology
   Moderators: José Güell (Spain), B. E. Malyugin (Russia),
               G. B. Scharioth (Germany)
09.05-09.30 Toric IOL vs relaxing limbal incisions performed with the femtosecond laser – B. E. Malyugin (Russia)
09.30-10.00 Use of stem cells in the treatment of dry eye syndrome – G. Scharioth (Germany)
10.00-10.30 Cataract Surgery and keratoplasty – J. Güell (Spain)

10.30-11.00 Coffee break

11.00-13.00 New trends in ophthalmology
   Moderators: José Güell (Spain),
               Rudy Nuijts (The Netherlands),
               Paolo Vinciguerra (Italy)

11.00-11.15 Intraoperative aberrometry – R. Nuijts (the Netherlands)
11.15-11.30 Flexible phakic intraocular lens with iris fixation: the results of long-term postoperative follow – J. Güell (Spain)
21ST OF OCTOBER, SATURDAY

Moscow, Kutuzovsky Prospekt 2/1, bld. 1

11.30-11.45 Femtosecond Laser cataract surgery – Zoltan Nagy (Hungary)
11.45-12.00 Management of intraoperative miosis – B. E. Malyugin (Russia)
12.00-12.15 Scleral fixation of intraocular lenses – G. Scharioth (Germany)
12.15-12.30 Trifocal intraocular lens – P. Vinciguerra (Italy)
12.30-12.45 High degree Astigmatism – R. Nuijts (the Netherlands)
12.45-13.00 Practical experience: surgery without markers use – J. Güell (Spain)

13.00-14.00 Lunch break

14.00-15.30 Debate: femtosecond laser assisted cataract surgery better manual?
Panelists: José Güell (Spain), Z. Nagy (Hungary),
          R. Nuijts (the Netherlands),
          G. Scharioth (Germany),
          B. E. Malyugin (Russia)

15:30 – 16:00 Coffee break

16:00-17:00 Video session: Challenging clinical cases in cataract and refractive surgery.
Speakers and panelists:
José Güell (Spain), G. Scharioth (Germany),
B. E. Malyugin (Russia), R. Nuijts (Netherlands),
V. N. Trubilin (Russia), Yu. V. Tahtaev (Russia)

17:00-17:30 Conference Closing Ceremony
21ST OF OCTOBER, SATURDAY
Moscow, Kutuzovsky Prospekt 2/1, bld. 1

Small hall №1

09.00-10.30 **Modern technologies in phacoemulsification**


Duration – 10 min


**Phacoemulsification: yesterday, today, tomorrow**

*Kopaev S. Yu., Kopaeva V. G. (Moscow)*

**Key factors of efficacy and safety of Russian technology of laser cataract extraction**

*Li Zhijian (China)*

**Population-based blindness and cataract outcome of cataract surgery in rural northern China**

*Kushnir V. V. (Moldova)*

**Cataract surgery – a personal experience of innovations**

*Vasilyev A. V., Egorova A.V., Egorov V. V., Bay, L. (Khabarovsk)*

**Analysis of the efficiency of IOL pneumocompression application during phacoemulsification in preventing of posterior lens capsule opacity development**


**Traditional arcuate femtosecond laser keratotomy and corneal incisions for the correction of astigmatism during cataract phacoemulsification**

*Tomilova E.V., Nemsitsveridze M. N., Panova I. E. (St. Petersburg)*

**Epithelialization of the tunnel incision after phacoemulsification with advanced algorithms of medical management of patients**
Sethi R. (India)
Managing The Lost Support In Traumatic Cataract: My Experience

10.30-11.00 Coffee break

11.00-12.10 Satellite Symposium
A new perspective on life with Carl Zeiss innovations
Organized by OPTEC Company
Goldenberg A. A. 
Welcome speech

Sobolev N. P.
Trifocal lens CZ/Selection of patients. Personal experience in implantation
Dementyev D. D.
Toric intraocular Lens (AT.TORBI 709M) – a solution for patients with induced astigmatism after corneal surgery.
Belikova E. I.
The presbyopia. The problem and solutions
Rudneva M. A.
IOL Macrep700. The system is markerless markup. Callisto. Forum
Shilova T. Yu
Visalis. Personal experience of using
Kolokolov S. V.
The control system for ophthalmic data

12.10-13.00 lunch break
13.00-15.00  **Specifics of cataract surgery technique and IOL calculations in complicated cases. Part 2**


*Duration – 7 min.*

Egorova E. V., Morozova I.M. Tashlykova E. A.

**Particularities of performing phacoemulsification with femtosecond laser assistance in pseudoexfoliation syndrome**

Sethi R. (India)

**Cataract surgery Strategy after Refractive eye: our experience**

Borkenstein A, Borkenstein EM (Graz, Austria)

**Evaluation of the fully preloaded Zeiss CT Lucia 611P in Pseudoexfoliation Syndrome, small pupils and Malyugin ring**

Sidikov Z.U., Savranova T. N., Rozukulov V.U. (Uzbekistan)

**Results of surgical treatment of diabetic cataract in combination with neovascular glaucoma with weak zonular.**

Barequet I. (Israel)

**Late capsular block**

Petrachkov D.V., Zolotarev A. V., Zamytsky PA. (Samara)

**Morphological and functional results of surgical treatment of vitreomacular traction syndrome with the method of pneumovitreolysis in combination with cataract phacoemulsification**

Akulov S. N., Kabardina E. V. Bronnikova N.S. Bocenyuk N. V., Novick D. S. (Rostov-on-don)

**Surgical treatment of cataract in patients with advanced age-related macular degeneration**
Drainage surgery in the combined treatment of glaucoma and cataracts.

Optimization of the A constants in the IOL calculation in eyes after radial keratotomy

The results of the IOL optical power calculation using the Holladay II formula (IOL consultant HicSoap Pro) and Olsen (PhacoOptics) in patients after radial keratotomy

The calculation of the IOL optical power in the refractive surgery of extreme hyperopia

15.00-15.30 Coffee break

15.30-17.00 **Pediatric cataract surgery: technical specifics and results**


*Duration – 10 min*

Schultz G. R. (USA)

**Pediatric cataract – hereditary and acquired**

Kruglova T. B., Yegiyan N. S. (Moscow)

**Modern approaches to surgical treatment of congenital cataract in children, correction of aphakia**
Bikbov M. M., Zaidullin I.S. (Ufa)
Congenital cataract in infants: features of the IOL optical power calculation

Tereshchenko A.V., Trifanenkova I. G. (Kaluga)
Lenticonus surgical treatment

Bayborodov Ya. V. (St. Petersburg)
Vitrectomy and Phacoemulsification: in combination or sequentially

Yugay M. P., Ryabtseva A.A., Tarabanko I.M. (Moscow)
Clinical experience with the use of toric IOLs in the correction of aphakia in children

Cherkashina A.V., Pershin K.B. (Moscow)
Integrated (surgical and functional) treatment of children with congenital cataract in combination with corneal astigmatism by the method of toric and spherical intraocular lenses implantation

Miagkov A. V., Ilyakova L. A. (Moscow)
Personalized contact lenses for correction of aphakia in children
09.00-10.45  **Modern technologies in refractive surgery**  
The Chairpersons: Mushkova I. A., Anisimov S. I., Kulikov I.I., Kornilovsky I.M.

*Duration – 15 min*

Uceda-Montanes A. (United Kingdom)  
**Why Wavefront Guided Technology?**  

*Duration – 7 min.*

Anisimova S. Yu., Anisimov S. I., Semenov S. V., Novak I.V., Fastovtsova L.G. (Moscow)  
**Long-term results of presbyopia combined with ametropia correction with the SUPRACOR method**

Bogush I.V., Krasner K.Yu., Chernyh V.V. (Novosibirsk)  
**Efficacy of astigmatism correction by laser Keratomileusis**

Pogodina E. G., Mushkova I. A., Karimova A. N., Semenov, A. D., Movshev V.G. (Orenburg, Moscow, Troitsk, Russia)  
**Clinical and functional results of myopia laser correction using excimer laser WaveLight EX500 and «MicroScan-PIC»**

Kornilovskiy I. M. (Moscow)  
**New technology corneal laser refractive surgery based on the transepithelial approach of S. N. Fyodorov**

Tatanova O. Yu., Sorokin E. L., Dutchyn I. V. (Khabarovsk)  
**The structure of morphometric parameters of the optical system of the eye in patients with moderate myopia before the refractive surgeries**
Maltsev D. S., Kudryashova E. V., Kulikov A. N., Mareychev A. Yu. (Saint Petersburg)
The relationship between the thickness of epithelium and thickness of the cornea in normal conditions and after laser in situ Keratomileusis

Yanchenko S. V. (Krasnodar)
Perioperative correction of «dry eye» syndrome in patients with refractive errors

Tikhov A. V., Tikhov, A. O., Suslova A. Yu., Suslov, S. I. (Yaroslavl)
Ten years of experience in the application of solid-state laser technology in refractive surgery

Mushkova I. A., Maychuk N. V., Shamsetdinova L. T. (Moscow)
Corneal refractive surgery in patients with accommodative and binocular disorders

Kulikova I. L., Pashtaev N. P. Shlenskaya O. V. (Cheboksary)
Change in ocular surface and postoperative management of children after Femtolasik

Knayzer B. G. (Israel)
Accelerative Collagen Cross-Linking with Photoactivated Riboflavin (PACK-CXL) for the Treatment of Advanced Infectious Keratitis.

Kudryashova E. V., Maltsev D. S., Kulikov A. N., Gren T., Mareychev A.Yu. (St. Petersburg)
Analysis of the corneal epithelium thickness in cases of late post-op myopic regression in patients after laser Keratomileusis

Claes Feinbaum (Israel)
Patient Selection & Neuro-Adaptation. Keys to success in Presbyopic Refractive Surgery

10.45 – 11.15 Coffee break

The Chairpersons: Egorov V. V., Kulikov A. N., Temirov N. E, Tereshchenko A.V., Kuznetsov S. L., Bikbov M. M., Fokin V. P., Chuprova A.D.

Duration – 7 min.

Djashi B. G., Serkov Yu.S., Szczava A. I. (Volgograd)
Analysis of the results of the IOL with enhanced depth focus area implantation

Kuznetsov S. L. (Penza)
A new concept of a bifocal intraocular optical system

Boyko A. A. (Krasnodar)
The role of phakic IOLs for the correction of myopia in the clinic «Three-Z»

Lugovskoy A. E., Egorov V. V., Sorokin E. L., Belonozhenko Ya. V. (Khabarovsk)
Clinical evaluation of functional results of implantation of multifocal Lentis Comfort IOL in phacoemulsification of age-related cataracts

Temirov N. E., Temirov N. N. (Rostov-on-don)
Preoperative modeling of the multifocal intraocular lens correction

Anisimova S. Yu., Zagrebelnaya L. V. (Moscow)
Clinical analysis of results of implantation of bifocal and trifocal IOL

Malyugin B. E., Sobolev N. P. Fomina O. V. (Moscow)
The results of the first implantations of a new model of trifocal intraocular lens

Branchevsky S. L., Branchevskaya E. S. (Samara)
Comparative analysis of visual functions and refraction when replacing the native lens with implantation of a multifocal toric IOL in patients with high myopia and astigmatism
Fedyashev G. A., Schellenberg P. V. (Vladivostok)
The method of toric intraocular lenses fixation

Bikbov M. M., Orenburkina O. I., Bikbulatova A. A., Sarvarov D. A.,
Nuriyev I. F. (UFA)
The use of toric IOLs for the correction of astigmatism in unusual cases,
cataract surgery

Stebnev S. D., Stebnev V. S., Malov I. V., Skladchikova N. And. (Samara)
The ability of the navigation system in the calculation of the optical
power of intraocular lenses premium

Kulikov A. N., Kokarev, E. V., Zelikow A. A., T. V. Sharov (St.-Petersburg)
Effective position of the lens when calculating the toric IOL

Bikbov M. M., Orenburkina O. I., Absalyamov M. Sh., Burkhanov Yu.K.,
Nuriev I. F. (Ufa)
Results of multifocal IOLs implantation in phacoemulsification of cataract
with femtosecond laser assistance

Romanenko S. Ya., Tereshchenko A.V., Trifanenkova I. G., Okuneva M. V., Erokhina E. V.,
Karpunina A. S. (Kaluga)
Phacoemulsification of the anterior lenticonus with toric IOL implantation
in a patient with Alport syndrome

13.15-14.15 Lunch break

14.15-16.30 Challenging clinical cases in corneal refractive surgery
(interactive section)
The Chairpersons: Eskina E. N., Anisimov S. l.,
Solomatkin I.I., Medvedev I. B.,
Maychuk N. V. Karimova A. N., Sethi A.

Knayzer B. (Israel)
Pregnancy & ectasia after LASIK: clinical case and review of the literature
21ST OF OCTOBER, SATURDAY

Makarov R. A., Maychuk N. V. (Moscow)
Refractive effect regression and a haze recurrence after four PRKs: what to do?

Nagorskiy P. G. (Novosibirsk)
Residual myopia after LASIK correction with orthokeratology contact lenses.

Arun Sethi (India)
Management of Refractive Surgery Complications

Kostenev S. V. (Moscow)
Recurrent epithelial ingrowth under the flap: management

Gertnere Ya. (Latvia)
Complicated SMILE: programming error

Barequet I. (Israel)
Presbyopia hyperopic challenge

Aliyev A. G., Aliev A-G. D., A. B. Magomedova (Makhachkala)
Clinical results the effectiveness of combined treatment in patients with progressive keratoconus

Kuznetsova N. V. Kurenkov V. V., Kurenkova N. V. Abramov S. I. (Moscow)
PRP technologies in conservative treatment of diffuse lamellar keratitis after LASIK

Auditorium №1

11.00-13.00 Meeting of the Problem Commission on refractive surgery

13.00-13.15 Pause
21ST OF OCTOBER, SATURDAY
Moscow, Kutuzovsky Prospekt 2/1, bld. 1

13.15-14.15 Presbyopia Workshop
   Moderator: Feinbaum K. (Israel)

14.15-15.40 Lunch break

15.40-17.00 Meeting of the Expert Council on the issues of rational pharmacotherapy in surgery of complicated cataract
   Chair: Professor Malyugin B. E. Ioshin I. E.
               Lipatov D. V., Trubilin V. N.

   Speakers: Ioshin I. E.
               Lipatov D. V.
               Marcinkiewicz A. O.

Auditorium No. 2

10:00-17:00 Best videos and winners of ASCRS-2017 Film Festival: non-stop