

National Academy of Medical Sciences of Ukraine

Ministry of Health of Ukraine

Ukrainian Society of Ophthalmologists

SI “Filatov Institute of Eye Diseases and Tissue Therapy of NAMS of Ukraine”

“Filatov Memorial Lectures”

International Conference of Ophthalmologists

dedicated to the 80th Anniversary

of Filatov’s Tissue Therapy

23-24 May 2013

Odessa, Ukraine

Thursday 23th May 2013

9.00 – 9.30

Opening Ceremony and Greetings

9.30 – 10.20

THE FIRST PLENARY SESSION

Tissue Therapy and Prospects of Natural Biologically Active Substances in Modern Ophthalmology

7 minutes are given for the report

Chairpersons: *Pasyechnikova N.V., Chekman I.S., Sergienko N.M., Rykov S.A.*

Moderator: *Sotnikova E.P.*

1. 80 years to the method of tissue therapy of the academician V. P. Filatov - Pasyechnikova N. V., Sotnikova O. P., Fesyunova G. S. (Odessa, Ukraine)
2. Stressprotectors – modern agents of pharmacological protection of organism with emotional stress in the experiment - Kirichok L. T., Zvyagintseva T. V., Kalchuk R. O., Perepelitsa A. V. (Kharkov, Ukraine)
3. Correction of the enzymatic activity of the lacrimal fluid through the eye formulations of biopoloids in reproduction of bacterial keratitis - Lotosh T. D., Fesyunova G. S. (Odessa, Ukraine)
4. An efficiency of «Tiotriazolin» and «Corneregel» in treatment of degenerative disease of eye anterior segment - Chekman I. S., **Replianchuk N. D.** (Kyiv, Ukraine)
5. Combined effect of biopoloids with gentamicin on the iris of the rabbit eye. Ivanov V.I., Peretyagin O.A., Sokolova B.N., Melnikova N.V. (Odessa, Ukraine)
6. Immunomodulating properties of peat humic drugs and their influence on nonspecific resistance of agricultural birds - Stepchenko L. M., Kovalenko M. V. (Dnepropetrovsk, Ukraine)

10.20 – 12.30

THE SECOND PLENARY SESSION

Corneal Pathology. Keratoplasty. Refractive Surgery

7 minutes are given for the report

Chairpersons: *Balashovich L.I., Vit V.V., Guthoff R.F., Borzenok S.A.*

Moderator: *Drozhhzhina G.I.*

1. Influence of the monolayer corneal stem cell transplantation on amniotic platex on the corneal regeneration in various diseases - Pasyechnikova N.V., Drozhzhzhina G.I., Vit V.V., Ivanova O.N., Gaidamaka T.B., Papandopulo A.G., Kavelina A.S. (Odessa, Donetsk)
2. Fabrication of Corneal Substitutes with Incorporated Anti-infective Peptide Release System: construction properties in vitro - Pasyechnikova N., Vit V., Yakymenko S., Leus N., **Buznyk A.**, Griffith M. (Odessa, Ukraine, Linkoping, Sweden)

3. The causes of unsuccessful outcome in high risk keratoplasty and the role of immunologic monitoring in optimization of treatment results - Makarov P.V., Slepov O.S., Kugusheva A.E., Mironkova E.A. (Moscow, Russia)
4. Penetrating keratoplasty and rekeratoplasty in endothelial epithelial corneal dystrophy - Naumenko V.V., Tomilova E.V. (St.Petersburg, Russia)
5. Our experience of therapeutic keratoplasty in severe diseases of the corneal membrane - Birich T.A., Marchenko Z.N., Chekina A.Yu. (Minsk, Belarus)
6. Evaluation of corneal collagen crosslinking results in treatment of progressive keratoconus according to optical coherent tomography - Solodkova H., Melikhova I.A. (Volgograd, Russia)
7. Corneal crosslinking and its effect on keratocyte vitality - Clinical and experimental aspects with a special emphasis on in vivo confocal microscopy - **Guthoff R.F.**, Zhivov A. (Rostock, Germany)
8. The confocal microscopy in laser correction of induced ametropia after penetrating keratoplasty - Mushkova I.A., Semenov A.D., Karimova A.N. (Moscow, Russia)
9. Diabetic neuropathy and its evaluation by confocal in vivo microscopy of the sub-basal nerve plexus of the cornea - **Zhivov A.**, Guthoff R.F. (Rostock, Germany)
10. Substitution of the mucus layer - a challenge in the treatment of dry eye disease - **U.Welge-Lüssen**, C. Jacobi, F. Kruse (Nuremberg, Germany) - 20 min
11. Modern approaches to treatment of dry eye syndrome - **Drozzhina G.I.** (Odessa, Ukraine)
12. Keratoectasia after excimer-laser surgery - Kachanov A.B, Balashevich L.I., Nikulin S.A., Sapegina E.L. (St.-Petersburg, Russia)
13. Assessment of changes in the structure and thickness of the cornea in the long-term period - Balashevich L.I., Nikulin S.A., Kachanov AB., Churakov T.K., Efimov O.A., Zavjalov A.I. (St.Petersburg, Russia)

12.30 – 13.30

THE THIRD PLENARY SESSION

Glaucoma

7 minutes are given for the report

Chairpersons: Zavgorodnyaya N.G., Zhaboyedov G.D., Shchuko A.G.

Moderators: Kliuiev G.O.

1. The role of transscleral contact-compression laser cyclocoagulation in visual function preserving in glaucoma patients - **Kliuiev G.** (Odessa, Ukraine)
2. Possibilities of neuroprotection in treatment of glaucomatous optic neuropathy - Slepova O.S., Morozova N.S., Lovpache D.N., Frolov M.A. (Moscow, Russia)
3. Long-term results of the new method of glaucoma surgical treatment by natural uveoscleral outflow activation of intraocular fluid - Zavgorodnyaya N.G., Gaidarzhi T.P., Kovalenko N.N., Podvigina E.A. (Zaporozhie, Ukraine)

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4. Control of progressing glaucoma – **Golubev S.Yu.** (Moscow, Russia) - 10 min
5. Nonperforating deep sclerectomy with diod laser trabeculoplasty ab externo in patients with open angle glaucoma - Novytskyi I.Ya., Rudavska L. (Lvov, Ukraine)
6. Modern methods of laser treatment of primary open-angle glaucoma. A comparative assessment – Sokolovskaya T.V., Magaramov D.A., Kochetkova Yu.A. (Moscow, Russia)
7. Assessment of effectiveness of modified combined operation in case of primary open-angle glaucoma - Melnyk V., Kikot L., Kots-Gotlib N., Scherban M. (Kyiv, Ukraine) - 5 min
8. The role of change of chromatic cannals activity in formation of glaucomatous neuropathy - Yurjeva T.N., Shchuko A.G., Khudonogov A.A. (Irkutsk, Russia)

13.30-14.00

BREAK

14.00-16.00

SATELLITE SYMPOSIUM “BAUSCH+LOMB”

**Chairpersons: Pasyechnikova N.V.,
Ivanova N.V., Zborovskaya A.V.**

BAUSCH+LOMB

Moderator: Besdetko P.A.

1. Modern clinical researches in age-related macular degeneration - Zborovskaya A.V. (Odessa, Ukraine)
2. Behavior of macular area after cataract surgery – Bezdetko P.A. (Kharkiv, Ukraine)
3. Pathogenetic oriented macular protection in the eye anterior segment surgery – Ulyanova N.A. (Odessa, Ukraine)
4. Contact correction of vision: yesterday, today, tomorrow – Kryuchko O.V. (Poltava, Ukraine)
5. Modern methods of astigmatism correction. Contact lens Pure Vision 2 for astigmatism – Timofeev V.G. (Kharkiv, Ukraine)

16.00 – 18. 00

THE FOURTH PLENARY SESSION

Cataract

7 minutes are given for the report

Chairpersons: Takhtaev Yu.V., Malyugin B.E., Venger L.V., Sergienko N.M.

Moderator: Dmitriyev S.K.

1. Peculiarities of tactics of ultrasound phacoemulsification with IOL implantation in severe fibrosis of the posterior capsule lens in patients with cataract after vitrectomy - Dmytriiev S. K., **Lazar Yu. M.**, Logay A. I., Kovaleva K. I., Krutikova I. Ya. (Odessa, Ukraine)
2. Surgical treatment of the migratory microspherophakic infringement in the pupil lens - Bobrova N.F., Dembovetskaya A.N. (Odessa, Ukraine)

3. Determination of fluoroquinolones of III and IV generation in the eye anterior chamber by HPLC-MS/MS method - Takhtaev Yu.V., Okolov I.N., Sapegina E.L., Myazhitova A.I. (St.Petersburg, Russia)
4. EnVista IOL implantation: first experience and clinical results - Malyugin B., **Golovin A.** (Moscow, Russia)
5. The results of applying microcoaxial phacoemulsification of cataracts to the patients, suffering from pseudoexfoliation syndrome - Miroshnik D.M., Orekhova E.N., Khramova T.A. (Kharkov, Ukraine)
6. Experience of multifocal MIOL-Akkord implantation in complicated cataracts and concomitant eye pathology - Mikhina I.V., Fabrikantov O.L. (Tambov, Russia)
7. Optimal clinical refraction after cataract phacoemulsification in patients with anterior dosed radial keratotomy - Panteleev E.N., Malyugin B.E., Bessarabov A.N., Sobolev N.P., Agafonov S.G. (Moscow, Russia)
8. Refractive technology lenses: Experience, problems and their solutions - Petrunya A.M., Spektor A.V., Bondarenko P.S. (Lugansk, Ukraine)
9. Artificial iris in posttraumatic aphakia or large iris coloboma - **Cesare Forlini**, Adriana Bratu, Matteo Forlini, Paolo Rossini (Ravenna, Modena, Italy)
10. Sch in blunt trauma in pk: early mivs approach with "pole to pole " strategy (Video) - **Cesare Forlini**, Adriana Bratu, Matteo Forlini, Paolo Rossini (Ravenna, Modena, Italy)
11. HOYA Fully Preloaded - another step towards perfection- Shanturova M.A., Tyazhev M.Yu. (Irkutsk, Russia)
12. Peculiarities of phacoemulsification in ocular hypertensive eyes - Zavgorodnyaya N.G., Sarzhevsky A.S. (Zaporozhie, Ukraine)
13. IOP changes after «ab interno» trabeculectomy with the use of «Trabectome» operating system in patients with open angle glaucoma - Dmytriyev S. K., **Dushenchuk T. V.**, Lazar Yu. M., Kondratyeva E. I. (Odessa, Ukraine)
14. Stability of orientation – important criterion in choice of the toric contact lenses - Bezdetko P.A., **Pakhomova A.V.** (Kharkov, Ukraine)

10.30-13.30

THE FIRST SECTIONAL SESSION

Anomalies of Refraction and Oculomotor Apparatus

7 minutes are given for the report

Chairpersons: Senyakina A.S., Kashchenko T.P., Somov E.E., Sergienko N.M.

Moderator: Serdyuchenko V.I.

Visual acuity, refraction and accomodation researches

1. Investigation of biomechanical properties of the cornea in myopic eyes - Sergienko N.M., Shargorodska I.V. (Kiev, Ukraine)

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2. Biomechanical parameters of the eye in children with myopia according to Ocular Response Analyzer - Zavgorodnyaya N.G., Tsybul'skaya T.E., Zavgorodnyaya T.S., Litvinenko E.E. (Zaporozh'ie, Ukraine)
3. The morphometric parameters of the structures of the anterior segment of the eyes in the patients with the different types of myopia, people with emmetropia and hyperopia - Malieva O., Bushuyeva N. (Odessa, Ukraine)
4. Objective measurement of visual acuity based on infrared videoculography optokinetic nystagmus and preferential looking registration for purposes of medical expertise - Koskin S. A., Koval'skaya A. A., Shelepin Yu. E. (St.-Petersburg, Russia)
5. State of Direct and Concomitant Pupillary Reactions in Patients with Different Types of Accommodative Esotropia - Bushuyeva N. N., Senyakina A.S., Martynuyk S. (Odessa, Ternopil, Ukraine)
6. Objective determination of portability of optical correction of refractive anomalies - Alifanova T., Loginova A. (Dnepropetrovsk, Ukraine)
7. Transcranial Doppler ultrasound in the diagnosis of hemodynamic changes in amblyopia - Lupyr S.A., Parhomets R.A. (Lugansk, Ukraine)
8. The functional state of the accommodation apparatus in children wearing orthokeratologic lenses - **Matrosova Yu.V.** (Tambov, Russia)
9. On the methods and results of the refraktometry of the eyes of children in the first three years of life - Somov E.E., Rudnik A.U., Tulina A.K. (St.-Petersburg, Russia)
10. Frequency of occurrence of myopic refraction in babies with retinopathy of prematurity in comparison with full term children - Boichuk I.M., Katsan S.V., Stoyanova E.S., Zaichko E.S. (Odessa, Ukraine)
11. Refractive status of children born prematurely, in the remote period of life - Rudnik A.Y., Somov E.E. (St.-Petersburg, Russia)

Conservative and surgical treatment of strabismus

12. Diploptic method of successive visual images for restoration of binocular function – a new technical solution - Kashchenko T.P., Korniyushina T.A., Katsanashvili R.D., Bazarbaeva A.P. (Moscow, Russia)
13. The experience of using a combination of traditional pleoptic treatment with video training, which affects the amplitude of α -rhythm of the brain in patients with cerebral palsy and amblyopia - Serduchenko V.I., Bedarev E.V. (Odessa, Evpatoria, Ukraine)
14. Microprism device for high precision measurement of strabismus angle - Petrov V.V., Antonov E.E., Shanoylo S.M. (Kiev, Ukraine)
15. Analysis of results of microprism complex lenses use for the treatment of strabismus - Shanoylo S.M., Butenko L.V. (Kiev, Ukraine)
16. Refractive lensectomy in eyes with high and very high amblyopia - Mitronina M.L., Agafonova V.V. (Novosibirsk, Russia)

17. Application of software to calculate object coordinates on the surface of human eyeball model for indirect gauge of eyemotor muscle movements in squint surgery - **Yemchenko V. I.** (Kremenchuk, Ukraine)
18. Marginal transposition in surgical treatment of paralytic and posttraumatic strabismus - **Antsiferova N.G.** (Moscow, Russia)
19. The experience of radio-wave generator Surgitron application in surgical treatment of strabismus - Fokin V.P., Gorbenko V.M. (Volograd, Russia)
20. Results of surgical treatment of a patient with combined refractive and oculomotor pathology (a clinical analysis) - **Fedchenko O.T.** (Moscow, Russia)
21. Morphometric indicators of the retina and optic nerve depending on monocular fixation in children with amblyopia Boychuk I.M., Yakhnitsa O.I. (Odessa, Ukraine)

16.00-18.00

THE SECOND SECTIONAL SESSION

Traumas and Burn Injuries of Eyes and Their Adnexa

7 minutes are given for the report

Chairpersons: Venger G.E., Krasnovid T.A., Kanyukov V.N.

Moderator: Yakimenko S.A.

1. Bilateral traumatic retinal detachment (a clinical case) - Krasnovid T.A., Sidak-Petretskaya O.S., Grubnik N.P., Isko E.D., Tychina N.P. (Odessa, Ukraine)
2. Comparison of influence of local application of Dexamethazonum and Diclofenac Sodium on corneal epithelialization after burns (an experimental study) – **Yakymenko S.**, Kostenko P. (Odessa, Ukraine)
3. Study of the peculiarities of the clinical course of the anterior and posterior proliferative vitreoretinopathy after applying flogenzim injuries of the eyeball in the early posttraumatic period– Bezdetko P.A., Levchenko L.I. (Kharkiv, Ukraine)
4. Long-term results of surgical treatment of refractory glaucoma– Yakymenko S., **Kostenko P.** (Odessa, Ukraine)
5. Prognostic criteria of surgery functional results for patients with post traumatic changes in the vitreous body and retina – Tsapenko I.V., Chekalova M.V., Zuyeva M.V., Bykov V.P. (Moscow, Russia)
6. Character of the clinical course of experimental alkaline burn of the cornea in application of intravenous infusions of Citoflavin– Chalanova R.I., Moez M. (Odessa, Ukraine)
7. Substantiation of ciliary body circular revascularization method for surgical treatment of phthisis bulbi (an experimental investigation) – Kanyukov V.N., Kagan I.I., Saneeva Zh.Kh. (Orenburg, Russia)
8. Surgical Correction of Cosmetic Eyelid Surgery Complications– Yakymenko S., **Buznik A.I.**, Kostenko P. (Odessa, Ukraine)

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9. Microbiological spectrum of cultures inoculated from removed intraocular foreign bodies– Krasnovid T.A., Molodaya A.L., Isko E.D., Sidak-Petretskaya O.S., Grubnik N.P., Tychina N.P. (Odessa, Ukraine)
10. Ocular medicinal inserts with papain and urea – innovation preparation for burn therapy– Romanovska I.I., Dekina S.S., Chalanova R.I., Sotnikova E.P.(Odessa, Ukraine)
11. Changes of expression levels of molecular markers of limphocytes in при нарушении гистогематических барьеров – Velichko L.N., Vit V.V., Maletskiy A.P. (Odessa, Ukraine)

Poster presentations of the first day

Tissue Therapy and Prospects of Natural Biologically Active Substances in Modern Ophthalmology

1. The study of the cytotoxic effect of the solution from the concentrate of sea water in cell culture RH - Saldan V. I.(Odessa, Ukraine)

Corneal Pathology. Keratoplasty. Refractive Surgery

1. The effectiveness of application of the autologous serum in the complex treatment of persistent epithelial defect and torpid corneal ulcers depending of the severity of corneal lesion - Drozhzhina G.I., Gaidamaka T.B., Troychenko L.F. (Odessa, Ukraine)
2. Corneal “plasmolifting” - as a new way to treat degenerative diseases of the cornea - Zavgorodnyaya N. G., Bezdenezhnyi S.V., Isakova O. A. (Zaporozhie, Ukraine)
3. Incidence of diffuse lamellar keratitis after LASIK depending on different types of suction rings - Kuznetsova O., Solodkova H. (Volgograd, Russia)
4. Hypotensive therapy with the remedy “Azarga” in patients with corneal pathology and open-angle glaucoma - Naumenko V.V., Ankudinova S.V., Litvin I.B., Churakov T.K. (St. Petersburg, Russia)
5. Xenotransplantation as an effective method in treatment of purulent corneal ulcer (1 year of follow-up) - Pavlyuchenko K.P., Mogilevsky S.Yu., Zykov I.G., Tereshchenko Yu.N., Denisova Z.Yu. (Donetsk, Ukraine)
6. Confocal microscopy as a method of corneal state estimation in patients with dry-eye syndrome after LASIK - Fokin V., Makovkin E., Kuznetsova O. (Volgograd, Russia)
7. Clinical forms and peculiarities of the treatment of adenoviral keratoconjunctivitis - Chekina A., Butenya N., Chekin S., Butenya O. (Minsk, Belarus)

Glaucoma

1. Characteristics of cerebral hemodynamic in patients with primary open angle glaucoma - Stotska L.M. (Ivano-Frankovsk, Ukraine)
2. The role of the cardiovascular pathology in development of open-angle glaucoma in patients with ocular manifestations of pseudoexfoliative syndrome - Agafonov V.V., Frankovskaya-Gerlak M.Z., Sokolovskaya T.V., Brizhak P.E. (Moscow, Russia)

3. Endothelial dysfunction in patients with primary glaucoma and its influence on frequency of ciliochoroidal detachment after glaucoma operations - Pavlyuchenko K., Mogilevskyy S. , Golovkyn V. (Donetsk, Ukraine)
4. Effect of L-arginine on the thickness of retinal ganglion cell complex in patients with primary open-angle glaucoma - Panchenko M.V., Besdetko P.A., Duras I.G., Gonchar E.N. (Kharkov, Ukraine)
5. Neuroprotective therapy in the treatment of glaucomatous optic neuropathy with compensated intraocular pressure - Ivanova N.V. (Simferopol, Ukraine)
6. Blood coagulation in the workers of gas and oil industry with the diagnosis of glaucoma - Rustamov M.S. (Tashkent, Uzbekistan)
7. Immunologic prognosis of the course of the glaucomatous process and therapy control on the basis of the study of apoptosis factors - Slepova O.S., Morozova N.S., Lovpache D.N., Frolov M.A. (Moscow, Russia)
8. Combined method of antiglaucomatous surgery with implantation of amniotic membrane in subtenon space - Bahritdinova F.A., Namazov A.S., Kalandarov F.U., Urmanova F.M. (Tashkent,Uzbekistan)
9. Efficacy of combined surgery in pseudoexfoliative glaucoma - Serdiuk V.N., Ustymenko S.B., Kushnir N.N. (Dnepropetrovsk, Ukraine)
10. Our experience of using antiglaucomatous collagen in drainage of patients with secondary rubeotic glaucoma - Andrushkova O.A., Zhmud T.M., Grizhimalskaya K.Yu. (Vinnytsa, Ukraine)

Cataract

1. Analysis of quantitative and qualitative state of the endothelial cells after ultrasound PE with IOL implantation - Kovtun M.I., Polunina N.E., Kaplin I.V. (Donetsk, Ukraine)
2. On choice of the method of surgical treatment for secondary persisting cataracts (SPC) - Novak V.A (Tiraspol, Moldova)
3. Optimization of the surgical treatment of age-related cataract in patients with pseudoexfoliative syndrome - Kovylyna I.V. (Odessa, Ukraine)
4. Assessment of pupillary reactions in cataract surgery patients - Aleksanin P.V., Boiko E.V., Koskin S. A. (St.Petersburg, Russia)
5. Comparative characteristics of different methods of moxifloxacin and dexamethasone introduction for prevention of intraocular infection Boiko E.V., Reituzov V.A., Alekperov S.I., Fokina D.V. (St. Petersburg, Russia)
6. Acuity vision and state of macular area of the retina in patients with II type diabetes and diabetic retinopathy after phacoemulsification with IOL implantation – Martoplyas K.V., Dmitriev S.K., Kulbida M. P. (Odessa, Ukraine)

Anomalies of Refraction and Oculomotor Apparatus

1. Influence of screen pleoptic on the state of the visual function in children over 12 with refraction amblyopia of mild and moderate degree - Pritchina E.V., Leshchinskaya V.Yu., Chekina I.V., Nosalsky A.E. (Donetsk , Kiev, Ukraine)

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2. Dynamics of visual functions during a school year in schoolchildren with disturbance of vision - Kaiotkina E.V. (Simpferopol, AR Crimea, Ukraine)
3. Dynamics of the visual function in children with various visual pathology that study in URC "Lens" - Lupyr S.A., Parhomets R.A., Khvorostyanaya I.V., Kolodnaya N.A. (Lugansk, Ukraine)
4. Our experience of treatment of unilateral cyclospasm - Vatchenko A.A., Mosezhny A.A., Klopotskaya N.G., Odintsova L.M., Klopotskaya E.P. (Dnepropetrovsk, Ukraine)
5. The peculiarities of changes in connection structure in the visual system during presentation of the visual information in different ways - Kochina M. L., Yevtushenko A. S., Yavorsky A.V. (Kharkiv, Ukraine)
6. Evaluating the effectiveness of clinical follow-up of patients with myopia - Vesnina N.A., Yarmishko I.N. (Krivoi Rog, Ukraine)
7. Indicators of "Tapping-test" in adolescents with different rate of myopia progression - Ulyanova N., Venger L. (Odessa, Ukraine)
8. The interference electromyography in healthy children and in children with concomitant squint - Boychuk I.M., Mazur P. (Odessa, Ukraine)

Traumas and Burn Injuries of Eyes and Their Adnexa

1. Effect of bioplastic material "hyamatrix" on the course corneal alkali burn - Kanyukov V.N., Stadnikov A.A., Trubina O.M., Yakhina O.M. (Orenburg, Russia)

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9.00-10.30

THE FIFTH PLENARY SESSION

Pediatric Ophthalmopathology

7 minutes are given for the report

Chairpersons: Yegorov V.V., Borzenok S.A., Moulin A.P., Katsan S.V.

Moderator: Bobrova N.F.

1. Peculiarities of laser coagulation of the retina in children with retinopathy of prematurity in the first zone - Pasyechnikova N.V., Bobrova N.F., Katsan S.V., Zaichko E.S., Stoyanova E.S. (Odessa, Ukraine)
2. A modern approach to the choice of the method of laser photocoagulation in severe forms of retinopathy of prematurity - Astasheva I.B., Sidorenko E.I., Kuznetsova Yu.D., Tumasyan A.R., Pavlyuk E.Yu., Aksenova I.I., Kan I.G., Shevernaya O.A., Belashova M.A., Yezhova N.Yu., Bezenina E.V.
3. Ultrasound biomicroscopy evaluation of anterior extension in retinoblastoma: a clinicopathological study - **Moulin A P**, Gaillard MC, Balmer A, Munier FL (Lausanna, Switzerland)

4. Ophthalmic Tumour Treatment with Brachytherapy - **Peter Tonhaeuser** (Berlin, Germany)
5. Capsular surgery for intracapsular IOL implantation in case of congenital complicated cataract cases in children - Bobrova N.F., Dembovetskaya A.N., Romanova T.V., Zhekov A.K., Trofimova N.B. (Odessa, Ukraine)
6. On clinical and immunological prognosis of inflammatory proliferative responses in the early postoperative period in children with congenital cataracts - Borzenok S.A., Petrichuk S.V., Kachegura L.V., Komakh Yu.A. (Moscow, Russia)
7. Early phacoemulsification of traumatic cataract after primary surgical repair of penetrating cornea trauma with full-thickness corneal sutures with simultaneous IOL implantation - Bobrova N.F., **Shevchyk V.I.** (Odessa, Ukraine)
8. The Ahmed valve implantation in refractory pediatric glaucoma - Zubareva L.N., Scripets P.P., Mahmutov V.Y., Gavrilyuk A.S., Artamonova A.V., Molchanova E.A. (Moscow, Russia)
9. Optimization of diagnostics and treatment of chronic recurrent uveitis in children - Suchina L., Lysenko A., Kotlubey G. (Donetsk, Ukraine)
10. Efficacy of bimanual approach in surgical interference concerning complicated uvealcataract in children - Bobrova N.F., Dembovetskaya A.N., Romanova T.V., Nesterets E.L. (Odessa, Ukraine)
11. Remote supervision of progress of juvenile diabetic retinopathy for patients with a diabetes mellitus in combination with thyroid dysfunction - Yavtushenko L.A., Nedzvetetskaya O.V. (Kharkov, Ukraine)

10.30-11.30

THE SIXTH PLENARY SESSION

Diagnosis and Treatment of Eye Tumor

7 minutes are given for the report

Chairpersons: Terentyeva L.S., Buiko A.S., Vit V.V., Trompak O.

Moderator: Maletskiy A.P.

1. The main stages of the domestic laser microsurgery development in ophthalmology - **Terentyeva L.S.** (Odessa, Ukraine)
2. Multidisciplinary approach to treatment of aggressive malignant epithelial tumors of the eyelid - Bouiko A.S., Safronenkova I.A., Elagina V.A. (Odessa, Ukraine)
3. Linear accelerator (LINAC) stereotactic radiosurgery of uveal melanomas of the eye: technique and stages - **Trompak O.**, Furdova A. (Bratislava, Slovak Republic)
4. LINAC based stereotactic radiosurgery for uveal melanoma - **Furdova A.**, Trompak O., Sramka M., Chorvath M., Kralik G. (Bratislava, Slovak Republic)
5. Our experience of endovitreous resection of uveal melanomas with high-frequency electric welding of the biological tissues - Pasyechnicova N., Naumenko V., Maletskiy A., **Umanets N.**, Chebotarev E. (Odessa, Ukraine)

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6. Multistage combined endoresection of large melanomas - Reznikova A.B., Shishkin M.M. (Moscow, Russia)
7. Our experiment of using adjuvant selective intra – arterial chemotherapy and radiotherapy in the treatment of malignant tumors of the orbit (preliminary results) - **Maletskiy A.P.** (Odessa, Ukraine)

11.30-13.30

SATELLITE SYMPOSIUM «ALCON»

Chairpersons: Sergienko N.M.

Dyomin Yu.A.



Moderators: Dmitriyev S.K.

1. Cataract surgery with femto-laser LenSx – Parkhomenko G.Ya. (Kharkov, Ukraine)
2. Application experience of glaucoma filtration device Ex-press – Gudz A.S. (Lvov, Ukraine)
3. Astigmatism correction in multifocal IOL implantation – Dmitriyev S.K. (Odessa, Ukraine)
4. Experience of toric IOL implantation – Gudz A.S. (Lvov, Ukraine)
5. Effective and safe vitreoretinal surgery with unique opportunities of system Consellation (Alcon) – Umanets N.N. (Odessa, Ukraine)
6. Phacoemulsification of cataract through micro-incision 2.2 mm with cataract and vitreous system Consellation (Alcon) - Dmitriyev S.K. (Odessa, Ukraine)
7. New in the prophylaxis and treatment of age-related changes in macula - Dyomin Yu.A. (Kharkiv, Ukraine)

13.30-14.00

BREAK

14.00-15.00

THE SEVENTH PLENARY SESSION

Laser Technologies in Ophthalmology

7 minutes are given for the report

Chairpersons: Naumenko V.A., Balashevich L.I.

Moderators: Korol A.R.

1. The effectiveness of the anterior radial YAG-laser capsulotomy in abortive forms of the syndrome of reduced anterior lens capsule of the pseudophakia eye - Karpov V.E., Shishkin M.M. (Moscow, Russia)
2. Efficacy of external blood-retina barrier reconstruction by 577 nm laser in Micro-Pulse with per-oral administration of Ocuvite-complete drug for treatment of chronic central serous chorioretinopathy (CSC) - Rykov S., Suk S., Obukhova N., Kuznetsova T. (Kiev, Ukraine)
3. The efficacy of techniques of eximer-laser correction of vision in correction of high degree astigmatism - Petrunya A.M., Spektor A.V. (Lugansk, Odessa)

4. Evaluation of pain response after pattern panretinal photocoagulation on women with proliferative diabetic retinopathy - Pedanova E.K., Kryl L.A., Bouryakov D.A. (Moscow, Russia)
5. Microperimetry to assess the functional outcome of treatment of central serous chorioretinopathy after subthreshold micropulse laser therapy - Kachalina G.F., Klepinina O.B. (Moscow, Russia)

15.00 – 16.30

THE EIGHTH PLENARY SESSION

Diabetic Eye Disease and Its Treatment. Vitreoretinal Surgery

7 minutes are given for the report

Chairpersons: Boiko E.V., Sergienko N.M., Neroyev V.V., Shishkin M.M.

Moderator: Putienko A.A.

1. 27 G One Pars Plana Port Vitrectomy with a Reflow Strategy for Macular Diseases and beyond - **Cesare Forlini**, Adriana Bratu, Matteo Forlini, Paolo Rossini (Ravenna, Modena, Italy)
2. Cytokine profile in patients with proliferative diabetic retinopathy with postvitrectomy vitreous hemorrhage - Putienko A.A., Pogoreliy D.N. (Odessa, Ukraine)
3. Removal of the internal limiting membrane in the diabetic macular edema treatment - Petrunya A., **Goryaev L.**, Goryaeva O. (Lugansk, Ukraine)
4. Changes in the quality of life in patients with early forms of diabetic retinopathy – Pavlyuchenko K.P., Bakhteeva T.D., Mogilevskiy S.Yu., Chuiko A.L. (Donetsk, Dnepropetrovsk, Ukraine)
5. Changes of retinal functional activity and hemodynamics in the eye vessels in diabetic patients without retinopathy – Neroyev V.V., Kolchin A.A., Kiseleva T.N., Zuyeva M.V., Tsapenko I.V. (Moscow, Russia)
6. Influence of efferent and lymphotropic technologies on the course of pathologic process in diabetic retinopathy - Bratko B.I., Lysikov A.G., Trunov A.N., Chernykh V.V. (Novosibirsk, Russia)
7. Tensile strength of chorioretinal lesion after application of high-frequency electric welding of biological tissues and laser photocoagulation (810 nm) - **Umanets N.**, Zavodnaya V., Nazaretiani R., Levitsky I. (Odessa, Ukraine)
8. Vitreopapillary traction syndrome in proliferative diabetic retinopathy: peculiarities of clinical manifestations, results of surgical treatment - Mustafa Hadge Osman M., Shishkin M.M., Yuldasheva N.M. (Moscow, Russia)
9. Rhegmatogenous retinal detachment complicated with choroidal detachment and ophthalmohypotension: a new method of preoperative preparation - Levytska Galyna, Putienko Alexii, Abdulhadi Mohammad (Odessa, Ukraine)
10. Risk factors that affect the life expectancy of patients with proliferative diabetic retinopathy after vitreoretinal surgery – Shishkin M.M., Yuldasheva N.M., Ruzhnikova O.V. (Moscow, Russia)

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11. Bioelectric activity of the visual analyzer neurons in the early period after vitrectomy in the normal anatomical position of the retina - Boyko E.V., Sosnovskiy S.V., Romanovskaya O.A. (St. Petersburg, Russia)
12. Peculiarities of bimanual technology of 27-29g vitrectomy in the treatment of traction retinal detachment of various genesis - Shkvorchenko D.O., Rusanovskaya A.V., Kakunina S.A., Belousova E.V. (Moscow, Russia)

16.30 – 18.00

THE NINTH PLENARY SESSION

Choroid, Cornea and Optic Nerve Pathology

7 minutes are given for the report

Chairpersons: Zborovskaya A.V., Bezdetko P.A. Kanyukov V.N.

Moderator: Savko V.V.

1. Efficacy of antimicrobial photodynamic therapy with methylene blue in endophthalmitis treatment - **Zborovskaya A.V.** (Odessa, Ukraine)
2. The content of anti-inflammatory cytokines in patients with uveitis complicated by optic neuritis - Panchenko M.V., Samofalova M.N., Fryantseva M.V. (Kharkov, Ukraine)
3. Our experience of studying excretion of melatonin in various forms of age-related macular degeneration - Kolot A.V., Nedzvetska O.V., Kovtun M.I., Sardaryan V.V. (Kharkov, Ukraine)
4. Advanced methods of ocular visualization in diagnostics of Best disease and vitelliform macular dystrophy in adults - Boriskina L.N., **Guro M.Y.** (Volgograd, Russia)
5. Peculiarities of treatment of patients with pigment epithelial detachment in wet form of macular dystrophy - **Dzhusoev T.M.** (St.Petersburgh, Russia)
6. Morphological changes in structures of the retina and choroid of rabbit following intravitreal injection of anti-VEGF - **Korol A.R., Vit V.V.** (Odessa, Ukraine)
7. Modeling VEGF-induced neovascularization and its treatment with angiostatin - Neroev V.V., Khoroshilva-Maslova I.P., Ryabina M.V., Okhozimskaya T.D., Zolotykh O.V., Chesnokova N.B., Aisina R.B., Mukhametova L.I. (Moscow, Russia)
8. Modern approach to anterior ischemic optic neuropathy treatment - Bezdetko P. A., Shylkina D. I. (Kharkov, Ukraine)
9. Macular pathology in Ukraine under the conditions of radiation influence: epidemiology and prophylaxis - **Fedirko P.,** Kadoshnikova I., Garkava N. (Kiev, Ukraine)
10. Comparative statistical analysis of clinical indices of anterior uveitis in patients receiving antioxidant therapy in comparison with traditional treatment - Pavlyuchenko K., Kravtsova N. (Donetsk, Ukraine)

Poster presentations of the second day

Pediatric Ophthalmopathology

1. The role and place of temporary intubation by the silicon Ritleng stent in the treatment of children with relapse of congenital stenosis of the nasolacrimal duct - Valyavskaya M.E., Ovchinnikova A.V. (Moscow, Russia)
2. Experience of using viscoelastics in probing (restoration of passage) of nasolacrimal canal in children - Kuzhda I., Gavrylyshyn N., Kaminsky Y. (Ivano-Frankovsk, Ukraine)
3. State of early diagnosis of hereditary eye diseases of children of Kyiv - Savina O.M. (Kyiv, Ukraine)
4. The role of autoimmune mechanisms in development of children chronic recurrent uveitis - Suchina L., Koltsova I., Lysenko A. (Donetsk, Odessa, Ukraine)
5. Hemodynamics in the ophthalmic artery in premature infants in the neonatal period - Nikolaeva G.V., Sidorenko E. I. (Moscow, Russia)

Diagnosis and Treatment of Eye Tumor

1. Prediction of relapse of malignant epithelial tumors (met) of the eyelid skin based on the scoring rating scale of relative expression of molecular markers p53 bcl-2, cd95 and ip038 - Safronenkova I.A. (Odessa, Ukraine)
2. State of indices of the antioxidant system for patients with chronic dacryocystitis - Lishchenko V.B. (Odessa, Ukraine)
3. The early symptoms of endocrine ophthalmopathy in different functions of the thyroid gland - Awis Kayali, Polyakova S. I.(Odessa, Ukraine)

Laser Technologies in Ophthalmology

1. Eyelid hygiene impact on early post-LASIK period - Kurenkov V.V., Zhemchugova A.V., Polunina E.G. (Moscow, Russia)
2. Evolution of the Russian keratorefractive surgery - Semenov A.D., Pakhomova A. L., Takhchidi N. Kh.(Moscow, Russia)
3. Long-term results of technology Relex in the correction of myopia - Ioshin I.E., Hachatrjan G.T., Artamonova A.V., Molchanova E.A. (Moscow, Russia)

Diabetic Eye Disease and Its Treatment. Vitreoretinal Surgery

1. Effect of micropulse laser therapy on structural and functional alterations of the macula after surgical epiretinal membrane (ERM) removal -Kachalina G.F., Doga A.V., Gorshkov I.M., Kuranova O.I. (Moscow,Russia)
2. Possibility of surgery in prevention of hemophthalmos with available retinal vessel in the area of valve rupture of the retina - Kryl L.A., Pedanova E.K., Zhidkova T.A. (Moscow,Russia)
3. The study of efficacy of diabetic macular edema treatment with the application of rerobulbar catheterization - Bahritdinova F.A., Usmanova N.A., Namazov A.S., Kalandarov F.U., Maksudova Z.P., Mirrakhimova S.Sh. (Tashkent, Uzbekistan)

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4. The first experience of aflibercept application before vitrectomy in patients with end-stage proliferative diabetic retinopathy - Umanets N.N., Rozanova Z.A., Korol A.R., Zavodnaya V.S.(Odessa, Ukraine)
5. Prognostic value of determining vascular endothelial growth factor in progressive diabetic retinopathy - Penishkovich Ya. I., Zub L.S. (Chernivtsi, Ukraine)
6. Effectiveness of vitrectomy with internal limiting membrane peeling for retinal detachment with macular detached - Smal T., Novytskyi I. (Lviv, Ukraine)

Choroid, Cornea and Optic Nerve Pathology

1. Efficacy of ozone therapy in age-related macular degeneration - Bakhritdinova F.A., Sabirova D.B., Namazov A.S., Urmanova F.M., Mirrakhimova S.Sh. (Tashkent, Uzbekistan)
2. The role of intraocular cytokines in pathogenesis of neovascular retinal pathology - Zaytseva N., Zlobin I., Shevela E., Shchuko A., Yureva T. (Irkutsk, Russia)
3. Evaluation of the effectiveness of YAG-laser exudate destruction in the anterior chamber and vitreolysis in patients with IOL and uveitis -Ivanov A.N., Tankovskiy V.E., Miserova O.V. (Moscow, Russia)
4. The role of optic coherent tomography in central serous chorioretinopathy diagnostics - Kanyukov V.N., Pligina O.V., Ponomareva I.V. (Orenburg, Russia)
5. Early electrophysiological signs of neurodegenerative disorders in patients with optic neuritis - Neroev V.V., Zueva M.V., Lysenko V.S., Tsapenko I.V., Zaharova M.N., Eliseeva E.K. (Moscow, Russia)
6. Multifocal electroretinography in the patients with early stages of nonexudative age-related macular degenerations - Neroev V.V., Lantuch E.P., Tsapenko I.V., Zueva M.V., Gonchar P.A. (Moscow, Russia)

Discussion

Adopting Resolution