

Special Lecture

Chair : Kiyoshi Ishii (Saitama Red Cross Hospital)

The overseas medical contribution of Chukyo group

Kazumo Ichikawa (Chukyo Eye Clinic)

Chairman Program

My cataract surgery

Chairs : Kanjiro Masuda (Japan National Society for the Prevent of Blindness) /
Kiyoshi Ishii (Saitama Red Cross Hospital)

CP-1 Cutting edge of pathogenesis and treatments of pseudophakic CME

Kensaku Miyake (Miyake Eye Hospital)

CP-2 Fifty Years of Cataract Surgery

Okihiko Nishi (Nishi Eye Hospital)

CP-3 My Cataract Surgery

Tsutomu Hara (Hara Eye Hospital)

CP-4 My Cataract Surgery: from open eye surgery to refractive surgery

Kimiya Shimizu (Sanno Hospital Eye Center (Ophthalmology))

Association Program

The capsular tension ring is the artificial zonulae

Organizers : Yoshihiro Tokuda (Inouye Eye Hospital) / Teruyuki Miyoshi (Miyoshi Eye Clinic)

AP-1 CTR is one of the artificial zonules that you should use it at the time of the Premium IOL surgery

Teruyuki Miyoshi (Miyoshi Eye Clinic)

AP-2 Tactics against troubles of capsular tension ring insertion

Akihiro Shimowake (Shimowake Eye Clinic)

AP-3 Surgical strategy with the capsular tension/fixation ring

Hiroyuki Arai (Minatomirai Eye Clinic)

AP-4 Let's introduce the capsular fixation ring !

Yoshihiro Tokuda (Inouye Eye Hospital)



Report by Questionnaire Working Group on Latest JSCRS Survey

2020 JSCRS Clinical Survey

Moderator : Ken Hayashi (Hayashi Eye Hospital)

SR-1 COVID-19 Urgent Survey from JSCRS

Kazutaka Kamiya (Kitasato University)

SR-2 2020 JSCRS clinical survey

Masaki Sato (Satoh Eye Clinic)

38th ANNUAL ASCRS Film Festival

An interview Dr. Hisaharu Suzuki, Grand Prize Winner of the 38th Annual ASCRS Film Festival, along with his award-winning works will be available for viewing on the online conference web page.

Chair : Kiyoshi Ishii (Saitama Red Cross Hospital)

Hydrogen Will Change the World of Ophthalmology

Author : Hisaharu Suzuki (Zengyo Suzuki Eye Clinic)

Co-authors : Tsutomu Igarashi, Hideaki Oharazawa, Hiroshi Takahashi (Nippon Medical School)

Symposium 1

Visual function of presbyopia-correcting intraocular lenses

Chairs : Kazuo Ichikawa (Chukyo Eye Cliniiic) / Hiroshi Sasaki (Kanazawa Medical University)

S1-1 Low-add-power segmented intraocular lens

Tetsuro Ooshika (University of Tsukuba)

S1-2 Binocular intraocular lens

Ken Hayashi (Hayashi Eye Hospital)

S1-3 EDoF IOL

Yoshifumi Fujita (Fujita Eye Clinic)

S1-4 Trifocal Intraocular Lens

Hiroyuki Arai (Minatomirai Eye Clinic)

Symposium 2

ICL Latest Information You Should Know Now

Chairs : Kazutaka Kamiya (Kitasato University) / Tomoaki Nakamura (Nagoya Eye Clinic)

S2-1 Hole ICL surgery for the elderly patient

Akihito Igarashi (Sanno Hospital Eye Center (Ophthalmology))

S2-2 Optimization of Phakic Intraocular Lens Size Using Artificial Intelligence

Kazutaka Kamiya (Kitasato University)

S2-3 TASS after ICL surgery

Tomoaki Nakamura (Nagoya Eye Clinic)

S2-4 ICL domestic and groval trends and future developments

Yoshihiro Kitazawa (Sapia Tower Eye Clinic Tokyo)

Symposium 3

Proper use of perioperative antimicrobial agents and action plan for AMR

Chairs : Kazunori Miyata (Miyata Eye Hospital) / Yuuichi Ohashi (Ehime University)

S3-1 Current status of AMR action plan

Seishi Asari (Osaka University)

S3-2 Current antibiotic prophylaxis for cataract surgery in Japan

Masaki Sato (Satoh Eye Clinic)

S3-3 preoperative and intraoperative antibiotic prophylaxis in ophthalmic surgery

Kazuki Matsuura (Nojima Hospital)

S3-4 AMR in administration of antibiotics after cataract surgery

Takuya Iwasaki (Miyata Eye Hospital)

Symposium 4

Intraocular Lens Power Calculation in a New Era

~Do You Still Use the SRK/T Formula?~

Chairs : Kazunori Miyata (Miyata Eye Hospital) / Kazutaka Kamiya (Kitasato University)

S4-1 Barrett Universal 2

Yousai Mori (Miyata Eye Hospital)

S4-2 Predictability of Hill-RBF method

Kei Iijima (Kitasato University)

S4-3 IOL power calculation formula by ray tracing

So Goto (The Jikei University School of Medicine)

S4-4 Prediction of postoperative refractive power using machine learning

Tomofusa Yamauchi (Tsukazaki Hospital)

Symposium 5

Minimally Invasive Glaucoma Surgery by Cataract Surgeons

Chairs : Takeshi Hara (Hara Eye Hospital) / Kiyoshi Ishii (Saitama Red Cross Hospital)

S5-1 Precaution of the indication of MIGS

Nobuyuki Shoji (Kitasato University)

S5-2 Your Surgical Gonio lens

Takeshi Hara (Hara Eye Hospital)

S5-3 Microhook ab interno trabeculotomy

Masaki Tanito (Shimane University)

S5-4 Micro Bypass System

Kiyoshi Ishii (Saitama Red Cross Hospital)



Symposium 6

AI UPDADE 2020 in Cataract Surgery

Chairs : Hitoshi Tabuchi (Tsukazaki Hospital / Hiroshima University) /
Hidenori Takahashi (Jichi Medical University)

S6-1 Update of Corneal Tomographic Analysis Using Artificial Intelligence

Kazutaka Kamiya (Kitasato University)

S6-2 Real-time surgical support system for cataract surgery

Shoji Morita (University of Hyogo)

S6-3 Using artificial intelligence for cataract pre-operative examination

Hiroyuki Wakuda (St. Mary's Hospital)

S6-4 Usability improvement by surgical instrument recognition and speech recognition in ophthalmic surgery

Hiroki Masumoto (Tsukazaki Hospital)

Symposium 7

Scleral suture fixation vs intrascleral haptic fixation

Chairs : Toshihiko Ohta (Juntendo University Shizuoka Hospital) /
Ryo Moriyama (Moriyama Eye Clinic)

S7-1 Changes and variations of scleral fixation of intraocular lens

Eiichi Nishimura (Showa University Fujigaoka Hospital)

S7-2 Scleral suture fixation of intraocular lense

Ryo Moriyama (Moriyama Eye Clinic)

S7-3 I-fixation technique

Toshihiko Ohta (Juntendo University Shizuoka Hospital)

S7-4 Flanged IOL fixation -basics and applications-

Shin Yamane (Yokohama City Univertsity Medical Center)

Symposium 8

How to use a new microscope

Chairs : Yoshitaka Oka (Oka Eye Institute) / Ryo Moriyama (Moriyama Eye Clinic)

S8-1 Evaluation of intraoperative OCT measurement for cataract and refractive surgery

Takashi Kojima (Keio University)

S8-2 3D heads-up surgery and the less/no illumination microscope

Yoshihiro Tokuda (Inouye Eye Hospital)

S8-3 The 3D visual systems' advantages and disadvantages in the educational effects

Kazuo Ichikawa (Chukyo Eye Cliniiic)

Educational Seminar 1

Basic essentials for phacoemulsification and visco-surgical device

Chairs : Kiyoshi Ishii (Saitama Red Cross Hospital) /
Shinichiro Kobayakawa (Nippon Medical School Musashi Kosugi Hospital)

PR1-1 Principle of the phacoemulsification and aspiration device: Ultrasound version
Yoshihiro Tokuda (Inouye Eye Hospital)

PR1-2 Mechanism of pump system in cataract surgery
Hisaharu Suzuki (Zengyo Suzuki Eye Clinic)

PR1-3 Principle and clinical application of OVD
Tomoyuki Kunishige (Nippon Medical School Hospital)

PR1-4 Basics of using OVD for complicated cases
Takuya Shiba (Roppongi Shiba Eye Clinic)

Educational Seminar 2

Precision enhancement of intraocular lens power calculation

Chairs : Chikako Suto (Tokyo Women's Medical University Medical Center East) /
Risako Higa (Senshinkai Eye Institute)

PR2-1 Classifying intraocular lens calculation formulas and factors of refractive error
Akeno Tamaoki (Chukyo Hospital)

PR2-2 Intraocular lens power calculations for long and short eyes
Shota Tokuda (Miyata Eye Hospital)

PR2-3 IOL power calculation in eyes with previous corneal refractive surgery
Risako Higa (Senshinkai Eye Institute)

PR2-4 Dealing with the refractive error after cataract surgery
Kunihiro Nakamura (Tanashi Nakamura Eye Clinic)

Educational Seminar 3

How to manage endophthalmitis?

Chairs : Shinichiro Kobayakawa (Nippon Medical School Musashi Kosugi Hospital) /
Tatsushi Kaga (Chukyo Hospital)

PR3-1 Endophthalmitis after cataract surgery: overview and initial response
Hiroshi Eguchi (Kindai University)

PR3-2 The theory and practice of intracameral antibiotics with flushing technique
Kazuki Matsuura (Nojima Hospital)

PR3-3 Perioperative antibacterial eye drops and resistance
Ryohei Nejima (Miyata Eye Hospital)

PR3-4 Postoperative endophthalmitis (vitreous injection, vitreous surgery, buckling, glaucoma surgery)
Takeshi Arima (Nippon Medical School)



Educational Seminar 4

Toric intraocular lens

Chairs : Yoshitaka Oka (Senshinkai Eye Institute) / Takashi Kojima (Keio University)

PR4-1 Age-related change of corneal astigmatism and significance of correcting corneal astigmatism

Yasushi Inoue (Inoue Eye Clinic)

PR4-2 Theory of toric IOL and preoperative and postoperative examinations for its successful implantation

Yoshihiko Ninomiya (Yukioka Hospital Ophthalmology)

PR4-3 The practice of toric IOL surgery

Kazuo Ichikawa (Chukyo Eye Clinic)

PR4-4 Toric's results and complications

Tomohisa Nishikawa (Mikawa Eye Clinic)

Educational Seminar 5

Multifocal intraocular lenses

Chairs : Takuya Shiba (Roppongi Shiba Eye Clinic) / Masayuki Ouchi (Masayuki Ouchi Eye Clinic)

PR5-1 Indication and patient selection of multifocal intraocular lenses

Kunihiro Nakamura (Tanashi Nakamura Eye Clinic)

PR5-2 Types and characteristics of approved multifocal intraocular lenses

Hisaharu Suzuki (Zengyo Suzuki Eye Clinic)

PR5-3 The types and features of unapproved multifocal IOLs

Hiroyuki Arai (Minatomirai Eye Clinic)

PR5-4 Strategy for postoperative complications

Kazutaka Kamiya (Kitasato University)

Educational Seminar 6

Mastering the management of residual nucleus and vitreous

Chairs : Masayuki Ouchi (Masayuki Ouchi Eye Clinic) / Kiyoshi Ishii (Saitama Red Cross Hospital)

PR6-1 Theory of treatment after posterior capsule rupture

Katsuya Mitooka (Mitooka Eye Clinic)

PR6-2 mastering the management of nucleus and vitreous in PCR case

Masayuki Ouchi (Masayuki Ouchi Eye Clinic)

PR6-3 Method for teaching the management of posterior capsule rupture to residents

Ryo Moriyama (Moriyama Eye Clinic)

PR6-4 Approach for the large posterior capsule rupture

Hiroyuki Matsushima (Dokkyo Medical University)

Educational Seminar 7

How to approach for iris abnormal cases

Chairs : Eiichi Nishimura (Showa University Fujigaoka Hospital) / Ken Hayashi (Hayashi Eye Hospital)

PR7-1 Cataract surgery for congenital uveal defect

Yoshihiro Tokuda (Inouye Eye Hospital)

PR7-2 Repair of Iridodialysis defect

Mitsutaka Soda (Showa University Fujigaoka Hospital)

PR7-3 Artificial Iris

Yousai Mori (Miyata Eye Hospital)

PR7-4 Iris shortening for recurrent pupil capture after transscleral suturing of intraocular lens

Ken Hayashi (Hayashi Eye Hospital)

Educational Seminar 8

Small Pupil

Chairs : Shuichiro Eguchi (Eguchi Eye Hospital) / Mitsutaka Soda (Showa University Fujigaoka Hospital)

PR8-1 Pupillary sphincterotomy

Ryo Moriyama (Moriyama Eye Clinic)

PR8-2 Surgical management of small pupil

Ryota Tomemori (Tomemori Clinic Eye and Plastic Surgery)

PR8-3 Iris retractor

Mitsutaka Soda (Showa University Fujigaoka Hospital)

PR8-4 Clinical Trials Act on the use of an unapproved medication for IFIS

Tetsushi Yasuma (Yasuma Eye Clinic)

Educational Seminar 9

Cataract surgery in eyes with corneal opacity

Chairs : Kazunori Miyata (Miyata Eye Hospital) / Shiro Amano (Inouye Eye Hospital)

PR9-1 Cataract surgery and corneal opacity

Shiro Amano (Inouye Eye Hospital)

PR9-2 Management of corneal opacities in cataract patients and intraocular lens power calculation

Yousai Mori (Miyata Eye Hospital)

PR9-3 Cataract surgery in eyes with corneal opacity

Toshiyuki Nagamoto (Nagamoto Eye Clinic)

PR9-4 Strategies in treating corneal scar by corneal transplantation

Takefumi Yamaguchi (Tokyo Dental College)



Educational Seminar 10

Practical Orthokeratology (from the basics to the advanced level)

Chairs : Kenichi Yoshino (Yoshioka Eye Clinic) / Takahiro Hiraoka (University of Tsukuba)

PR10-1 Theory, examination and indication for orthokeratology

Hiroshi Toshida (Juntendo University Shizuoka Hospital)

PR10-2 Prescribing techniques in orthokeratology

Naoki Isogai (Nagoya Eye Clinic)

PR10-3 Complications of orthokeratology and how to deal with them

Kaori Inazawa (Inazawa Clinic)

PR10-4 Efficacy of overnight orthokeratology for myopia control with low-dose atropine

Sayuri Ninomiya (Itami Central Eye Clinic)

Educational Seminar 11

Current status and approaches for post-cataract complications

Chairs : Hiroyuki Matsushima (Dokkyo Medical University) /
Shinichiro Kobayakawa (Nippon Medical School Musashi Kosugi Hospital)

PR11-1 Anterior capsule contraction and posterior capsule opacification

Mayumi Nagata (Dokkyo Medical University)

PR11-2 Evaluation of photic phenomena for presbyopia-correcting IOLs

Yuuki Ukai (Kanazawa Medical University)

PR11-3 Intraocular Lens (IOL) Dislocation

Tsukasa Hanemoto (Hanemoto Eye Clinic)

PR11-4 Prevention and treatment for postoperative endophthalmitis

Takashi Suzuki (Toho University Omori Medical Center)

Educational Seminar 12

Cataract surgeries for very rare difficult cases

Chairs : Yoshihiro Tokuda (Inouye Eye Hospital) / Hiroyuki Matsushima (Dokkyo Medical University)

PR12-1 Posterior polar cataract

Ken Hayashi (Hayashi Eye Hospital)

PR12-2 Morgagnian cataract

Eiichi Nishimura (Showa University Fujigaoka Hospital)

PR12-3 Cataract surgery in eyes with microphthalmos and/or microcornea

Toshiyuki Nagamoto (Nagamoto Eye Clinic)

PR12-4 Cataract surgeries after trauma

Hiroyuki Matsushima (Dokkyo Medical University)

Orthoptists' Program

knowledge of cataract and refractive surgery that orthoptist should know

Organizers : Takushi Kawamorita (Kitasato University) / Yoshihisa Goto (Otsuka Eye Clinic)

- ORT-1** ORT knowledge of ophthalmic optics in cataract and refractive surgery
Shinya Takahashi (Ideta Eye Hospital)
- ORT-2** The basics of IOL power calculation formula and new formula based on ocular anatomy (Sanno formula)
Tsukasa Sato (International University of Health and Welfare Department of Orthoptics and Visual Sciences)
- ORT-3** About cataract and refractive surgery
Yoshitaka Oka (Senshinkai Eye Institute)
- ORT-4** Merit demerit of the intraocular lens
Toshiya Isomura (Hirota Eye Clinic)

Nurses' Program

Team medicine for intraocular lens surgery

Organizers : Eiichi Nishimura (Showa University Fujigaoka Hospital) /
Mika Nagano (Hayashi Eye Hospital)

- NS-1** Team medical care as an ophthalmologist & leader in operating room
Hisaharu Suzuki (Zengyo Suzuki Eye Clinic)
- NS-2** The role of nurses in team medical care of IOL surgeries
Kana Takeuchi (Tsukazaki Hospital)
- NS-3** The role of orthoptist in IOL surgery
Yoshihisa Goto (Otsuka Eye Clinic)
- NS-4** The position of a clinical engineer in IOL surgery
Tatsuya Yonekawa (Inouye Eye Hospital)



Instruction Course 1

Beginner

Keratoconus Update

Organizers : Jun Shimazaki (Tokyo Dental College) / Naoko Kato (Minamiaoyama Eye Clinic)

Lecturer : Kazutaka Kamiya (Kitasato University)
Takashi Kojima (Nagoya Eye Clinic)
Naoko Kato (Minamiaoyama Eye Clinic)
Akiko Matsuzawa (Maarianna University School of Medicine)

Instruction Course 2

Advanced • Middle • Beginner

"What's New in 2020"

Organizers : Kazunori Miyata (Miyata Eye Hospital) / Kazutaka Kamiya (Kitasato University)

Lecturer : Takuya Shiba (Roppongi Shiba Eye Clinic)
Hisaharu Suzuki (Zengyo Suzuki Eye Clinic)
Takahiro Hiraoka (University of Tsukuba)
Yousai Mori (Miyata Eye Hospital)

Instruction Course 3

Middle

"IC of the ORT, by the ORT, for the ORT" Our tips for measurement how fast and completely

Organizers : Megumi Saiki (Keio University) / Takushi Kawamorita (Kitasato University)

Lecturer : Wakako Andou (Kitasato University)
Syunsuke Shibata (Hayashi Eye Hospital)
Shota Tokuda (Miyata Eye Hospital)
Yusuke Takata (Oshima Eye Clinic)

Instruction Course 4

Beginner

Preoperative examination and consultation for the patients implanted multifocal IOL

Organizers : Tsutomu Kaneko (Sugita Eye Center) / Shuhei Fujie (Miyoshi Eye Clinic)

Lecturer : Shinya Takahashi (Ideta Eye Hospital)
Hiroyasu Takehara (Inouye Eye Hospital)
Toshiya Isomura (Hirota Eye Clinic)
Seishin Chiba (Fujita Eye Clinic)
Takahiro Sekii (Inamura Eye Clinic)

Instruction Course 5

Middle

The surgical management of Pupil: Small pupil

Organizers : Yoshihiro Tokuda (Inouye Eye Hospital) / Mitsutaka Souda (Showa University Fujigaoka Rehabilitation Hospital)

Lecturer : Ryouta Tomemori (Tomemori Eye clinic)
Mitsutaka Souda (Showa University Fujigaoka Rehabilitation Hospital)
Shinichiro Kobayakawa (Nippon Medical School Musashi Kosugi Hospital)
Yoshihiro Tokuda (Inouye Eye Hospital)

Instruction Course 6

Middle • Advanced

Case study: Complication management

Organizers : Masayuki Ouchi (Masayuki Ouchi Eye Clinic) / Katsuya Mitooka (Mitooka Eye Clinic)

Lecturer : Hiroyuki Matsushima (Dokkyo Medical University)
Kiyoshi Ishii (Saitama Red Cross Hospital)
Mitsutaka Souda (Showa University Fujigaoka Rehabilitation Hospital)
Takuya Shiba (Roppongi Shiba Eye Clinic)
Ryo Moriyama (Moriyama Eye Clinic)
Yoshihiro Tokuda (Inouye Eye Hospital)

Instruction Course 7

Beginner

Starting minimally invasive glaucoma surgery by cataract surgeon

Organizer : Hisato Ohno (Ohno Eye Clinic)

Lecturer : Masahiro Maeda (Maeda Eye Clinic)
Yuta Saito (Department of Ophthalmology, Showa University School of Medicine)
Isamu Ito (Hoyaitou Eye Clinic)

Instruction Course 8

Middle

Secodary IOL scleral fixation: A methodology and intraoperative invention

Organizers : Tsukasa Hanemoto (Hanemoto Eye Clinic) / Shinichiro Kobayakawa (Nippon Medical School Musashi Kosugi Hospital)

Lecturer : Eiichi Nishimura (Showa University Fujigaoka Hospital)
Santarou Noguchi (Tsukazaki Hospital)
Fumio Hosaka (Iwamizawa Municipal General Hospital)
Shinichiro Kobayakawa (Nippon Medical School Musashi Kosugi Hospital)
Tsukasa Hanemoto (Hanemoto Eye Clinic)



Instruction Course 9

Middle~Beginner

Instructor's Tactics and Actions - for the problems happening in teaching of cataract surgery

Organizers : Naoki Kimura (Hyogo College of Medicine) /
Takeshi Miyamoto (Tomemori Ganka Keiseigeka Iwade Miyamoto Clinic)

Lecturer : Miou Hirose (Hyogo Prefectural Amagasaki General Medical Center)
Keiko Otsuka (Kobe Kaisei Hospital)
Yumiko Yoshida (Hyogo College of Medicine)
Kazuhito Yoneda (Subarukai Eye Center)
Naoki Kimura (Hyogo College of Medicine)

Instruction Course 10

Middle~Advanced

Let's discuss cataract surgery together ! : Commitments and Tips of Challenging Cases

Organizers : Hisaharu Suzuki (Zengyo Suzuki Eye Clinic) / Norihito Gotoh (Toda Gotoh Eye Clinic)

Lecturer : Kiyoshi Ishii (Saitama Red Cross Hospital)
Masayuki Ouchi (Masayuki Ouchi Eye Clinic)
Norihito Gotoh (Toda Gotoh Eye Clinic)
Eiichi Nishimura (Showa University Fujigaoka Hospital)
Ryo Moriyama (Moriyama Eye Clinic)

Papers 1

Multifocal and Toric Lenses1

Chairs : Takuya Shiba (Roppongi Shiba Eye Clinic) / Hiroyuki Arai (Minatomirai Eye Clinic)

- O1-1** Comparison of visual outcomes after implantation of Panoptix and another multifocal intraocular lenses at Nippon Medical School Musashi-kosugi Hospital
Kouhei Miyata (Nippon Medical School Musashi-Kosugi Hospital)
- O1-2** Trifocal intraocular lenses: comparison of postoperative outcome of PanOptix and FineVision
Ryouko Osawa (Kaijinkaiya Ganka)
- O1-3** Binocular all-distance visual acuity in eyes with diffractive trifocal intraocular lenses
Keita Takada (Miyata Eye Hospital)
- O1-4** Examination of postoperative naked eye visual acuity change in a three-focal lens inserted eye
Souhei Shimasaki (Showa University School of Medicine, Department of Ophthalmology)
- O1-5** Comparison of results early after the operation of 3 focuses intraocular lens PanOptics and Trinova
Kazuo Okamoto (Mihara Eye Clinic)
- O1-6** COMPARISON OF POSTOPERATIVE VISION FUNCTION IN PATIENTS WITH TRI-FOCAL INTRAOCULAR LENS INSERTION WITH DIFFERENT OPTICAL DESIGNS
Masato Yoshida (Sugita Eye Center)
- O1-7** Effect of posterior vitreous detachment on contrast sensitivity in patients with diffractive and refractive multifocal intraocular lens
Yuko Moriyama (Suitatokusyukai Hospital)

Papers 2

Multifocal and Toric Lenses2

Chairs : Kazuo Ichikawa (Chukyo Eye Cliniiic) / Masayuki Ouchi (Masayuki Ouchi Eye Clinic)

- O2-1** Clinical Outcome and patient satisfaction of Lentis Comfort
Daisuke Nakajima (Nippon Medical School Musashikosugi Hospital)
- O2-2** Binocular visual performance of Lentis comfort and W60R
Santarou Noguchi (Tsukazaki)
- O2-3** Postoperative results of LS-313 MF15 and ZXR00V
Joubu Sugita (Juntendo University Shizuoka Hospital)
- O2-4** The one-year prognosis of Lentis Comfort
Junya Kawamura (Tsukazaki Hospital)
- O2-5** Comparison of early results between trifocal intraocular lens and low addition segmented refractive intraocular lens
Kouichi Wakimasu (Baptist Eye Institute)
- O2-6** Comparison of postoperative clinical results between Lentis Comfort and other multifocal intraocular lenses
Masaki Miyoshi (Saneikai Ttsukazaki Hospital)



O2-7 Postoperative refractive error in cataract surgery

Ryouta Tomemori (Tomemori Eye Clinic)

Papers 3

Biometry

Chairs : Naohisa Nezu (Todoroki Eye Clinic) / Takushi Kawamorita (Kitasato University)

O3-1 New method to classify into nucleus of human crystalline lens using anterior segment optical coherence tomography

Kiyoyuki Majima (Eye Clinic Myouganin)

O3-2 Comparison of parameter between Anterion & IOL-Master700

Kei Ichikawa (Aoyama General Hospital)

O3-3 Comparative study of biometric values of cataract patients using IOLMaster 700 and OA-2000

Kousuke Takase (Tsukazaki)

O3-4 Prediction of IOL deviation in anterior ocular computerized tomography

Norihiro Mita (Kanazawa Medical University)

O3-5 The effect of astigmatism on visual acuity in middle-aged and elderly patients

Rie Hoshikawa (Kitasato University)

O3-6 Corneal Topographic Changes After Upper Eyelid Ptosis Surgery

Eri Ishikawa (Kozawa Eye Hospital)

O3-7 Automatic cataract detection with Artificial Intelligence in ultra wide-field fundus images

Mao Tanabe (Tsukazaki Hospital)

Papers 4

Difficult Cases and Complications

Chairs : Yoshihiro Tokuda (Inouye Eye Hospital) /
Shinichiro Kobayakawa (Nippon Medical School Musashi Kosugi Hospital)

O4-1 Clinical features of cataract surgery with general anesthesia

Kimiko Okinaga (Saitama Red Cross Hospital)

O4-2 Clinical background of 21 cases with intraocular lens dislocation who underwent suture fixation or intrascleral fixation of intraocular lens

Suguru Nakagawa (Saitama Red Cross Hospital)

O4-3 Femtosecond laser assisted cataract surgery for patients with weak zonules

Youichirou Masuda (The Jikei University, School of Medicine)

O4-4 Trial production of training machine for intrascleral IOL fixation

Masahiro Akada (Tsukazaki Hospital)

O4-5 Comparison of corneal hydrops during cataract surgery among operators

Teppei Takahashi (Dokkyo)

O4-6 Four cases requiring reduction for traumatic flap deviation after long-term LASIK

Aiko Sakurai (Kitasato)

- O4-7** Review of all LASIK class actions filed in 2014 and 2015 (interim report)
Kenji Minemura (Kohara Eye Clinic)

Papers 5

The Cornea

Chairs : Shiro Amano (Inouye Eye Hospital) / Jun Shimazaki (Tokyo Dental College)

- O5-1** Comparison of stress-strain index in keratoconus before and after customized corneal cross-linking
Ayako Sawaki (Jcho Chukyo Hospital)
- O5-2** Early clinical outcomes of customized corneal cross-linking for pellucid marginal degeneration
Masahide Takahashi (Kitasato University)
- O5-3** Examination of Customized Corneal Cross-Linking for progressive keratoconus at 1-year after surgery
Syunsuke Kanayama (Department of Ophthalmology, Kitasato University)
- O5-4** Comparison of clinical outcomes between customized and non-customized corneal crosslinking
Takashi Kojima (Nagoya Eye Clinic)
- O5-5** Epi-On Corneal Collagen Cross-Linking for Keratoconus and Keratectasia: Preliminary Results
Mitsutoshi Itou (Shinagawa Lasik Center)
- O5-6** Intacs for the correction of keratoconus : Three-year follow-up
Takayuki Suganuma (Senshinkai-Clinic)

Papers 6

FLACS

Chairs : Takashi Kojima (Keio University) / Eiichi Nishimura (Showa University Fujigaoka Hospital)

- O6-1** Study of Intraocular Lens Position in FLACS
Ryou Ohira (The Jikei University)
- O6-2** Early Results of Visual Function and the Tilt and Decentration of Intraocular Lens Following Femtosecond Laser-Assisted Cataract Surgery
Syaodon Tei (Ehime University School of Medicine)
- O6-3** Phimosis formation in multifocal IOLs following femtosecond laser assisted cataract surgery
Yutarou Nishi (Nishi Eye Hospital)
- O6-4** the efficacy of femtosecond laser-assisted mature cataract surgery
Takahiro Kurioka (Showa University)
- O6-5** Femtosecond laser assisted cataract surgery (FLACS) for patients with reduced corneal endothelial cell density
Misuzu Kondou (Oka Eye Clinic Iizuka)



Papers 7

Power Calculation

Chairs : Norihito Gotoh (Toda Gotoh Eye Clinic) /
Chikako Suto (Tokyo Women's Medical University Medical Center East)

- 07-1 Comparison of PanOptix intraocular lens power selection using intraoperative aberrometry versus preoperative biometry with the Barrett formula**
Kaori Satou (Eye Care Clinic)
- 07-2 Two cases that needed the exchange of intraocular lens with intraoperative aberrometry(ORA)**
Kenichi Mihara (Mihara Eye Clinic)
- 07-3 Intraocular lens power calculation after Radial Keratotomy**
Naoki Isogai (Nagoya Eye Clinic)
- 07-4 the comparison of post operative refractive accuracy in multifocal IOL implantation for LASIK(Laser in situ keratomileis)eye between non-history method including barett true k and intraoperative wavefront aberration analysis(ORA)**
Toru Sugita (Sugita Eye Center)
- 07-5 Intraocular lens power calculation using Barrett True K formula after phototherapeutic keratectomy**
Kiyoshi Yamamura (Baptist Eye Institute)
- 07-6 Nature of Axial length measurement with average refractive index**
Naohisa Nezu (Todoroki Eye Clinic)
- 07-7 Postoperative results of intrascleral fusion at our center**
Kenichi Kuroda (Japanese Red Cross Wakayama Medical Center)

Papers 8

Surgery Results

Chairs : Mayumi Nagata (Dokkyo Medical University) / Kiyoshi Ishii (Saitama Red Cross Hospital)

- 08-1 One-year results of cataract surgery with iStent**
Toshihiro Tanaka (Senshinkai Glaucoma Eye Clinic Fukuoka)
- 08-2 Outcomes after Combined Phacoemulsification and Trabecular Micro-bypass Stent Implantation in Patients with Open-Angle Glaucoma and Cataract**
Itunei Chin (National Cancer Center Hospital)
- 08-3 The efficacy evaluation of perspective-free sodium hyaluronate eye drops on post-cataract surgery populations**
Ruili Wei (Shanghai Changzheng Hospital)
- 08-4 Efficacy of ROCK inhibitors to cataract surgery with low endothelial density**
Hisataka Fujimoto (Kawasaki Medical School)
- 08-5 Examination of corneal incision after cataract surgely with automatic and manual IOL injector**
Kenya Yoshida (Showa University Fujigaoka Rehabilitation Hospital)
- 08-6 Reduction effect of corneal astigmatism using 3.2mm arc-shaped blade at the time of a cataract surgery**
Aki Fuchigami (Oka Eye Institute)

Program

O8-7 Performance comparison based on astigmatism axis orientation

Hiroataka Tanabe (Tsukazaki Hospital)

O8-8 A trial of cataract surgery technique evaluation using AI to grasp eye movement

Hitoshi Tabuchi (Tsukazaki Hospital / Hiroshima University)

Papers 9

Surgical Techniques

Chairs : Hiroyuki Matsushima (Dokkyo Medical University) / Hisaharu Suzuki (Zengyo Suzuki Eye Clinic)

O9-1 Multicenter clinical survey of Clareon AutonoMe (Interim analysis report)

Tomoichirou Ogawa (Miyamaedaira Ogawa Eye Clinic)

O9-2 The operability and defect rate of new preloaded intraocular lenses

Mayumi Nagata (Dokkyo Medical University)

O9-3 A case of zonular dialysis with intraoperative residual nucleus treated by Scaffolding technique with injector system

Tsukasa Hanemoto (Hanemoto Eye Clinic)

O9-4 Safety and effect of cataract surgery with CTR in our hospital

Chika Gon (Showa University Fujigaoka Hospital)

O9-5 The double needle method with the double hall needle using NX70CH

Norihiko Yoshida (Japanese Red Cross Gifu Hospital)

O9-6 IOL removal & intrascleral fixation by inferior approach is useful to save superior conjunctiva in glaucoma eyes

Satoshi Nagata (Ideta Heisei Retina Consultants)

O9-7 Clinical results of the new technique for hydrodissection with low bottle height during cataract surgery

Mei Kurosawa (Jikei University)

O9-8 Comparison of the effects of three types eyelid speculum

Yu Sasaki (Dokkyo Medical University)

O9-9 Trial of Trabeculectomy by the Ab-Interno Approach, Using the Method with Plasma Generating Device

Shigeru Mori (Mori Ophthalmic And Medical Clinic)

Papers 10

ICL

Chairs : Yoshihiro Kitazawa (Sapia Tower Eye Clinic Tokyo) / Kazutaka Kamiya (Kitasato University)

O10-1 Reproducibility of Angle to Angle using averaged image in anterior segment optical coherence tomography

Sayaka Katou (Sanno Hospital)

O10-2 Improvement of ICL size prediction formula (NK2 formula)

Tomoaki Nakamura (Nagoya Eye Clinic)



- O10-3** Discrepancy rate of optimal size prediction of phakic intraocular lens and examination of its cause
Wakako Andou (Kitasato University)
- O10-4** Time-course change in vault in eyes undergoing vertically fixated phakic intraocular lens implantation
Yui Takahara (Kitasato University)
- O10-5** Examinationvaluation of an incidence and the factor ofof Irido-Trabecular Contact after implantable collamer lens implantation
Yuki Takagi (Iida Municipal Hospital)
- O10-6** Prediction of trabecular iris angle after implantable collamer lens insertion
Tomoya Nishida (Iryouhoujin Rec Nagoya Eye Clinic)
- O10-7** Assessment of halo for Hole ICL
Miwa Ebato (Kozawa)
- O10-8** Impact of phakic intraocular lens implantation on biometry and intraocular lens power selection for cataract surgery
Masayuki Ouchi (Masayuki Ouchi Eye Clinic)

Papers 11

Others

Chair : Toshihiko Ohta (Juntendo University Shizuoka Hospital)

- O11-1** Evaluation of the capsular safety of a new hybrid phacoemulsification tip
Takuya Shiba (Roppongi Shiba Eye Clinic)
- O11-2** Qualitative evaluation of ACTIVE SENTRY using SSV
Hisaharu Suzuki (Zengyo Suzuki Eye Clinic)
- O11-3** Evaluation of preload system DCB00V
Natsuko Shima (Nippon Medical School Musashi Kosugi Hospital)
- O11-4** Judgement of the effect of preoperative explanation of cataract surgery using video of surgical microscope light source by artificial intelligence
Miyuki Aimi (Tsukazaki)
- O11-5** A method for predicting poor vision after cataract surgery using AI
Hiroyuki Wakuda (Tsukazaki Hospital)
- O11-6** Automatic recording for ophthalmology surgery
Hiroki Masumoto (The Department of Ophthalmology, Tsukazaki Hospital)

Case Reports 1

Chair : Tsukasa Hanemoto (Hanemoto Eye Clinic)

- C1-1 Extraction of dislocated intraocular lens using needle lift technique**
Yasuhiko Asano (Department of Ophthalmology, Showa University School of Medicine)
- C1-2 Crystalline lens subluxation phacoemulsified over a suture with which an intraocular lens was sutured to the ciliary sulcus**
Hideo Mori (Osaka City General Hospital)
- C1-3 A case of intraocular lens (IOL) dislocation while block sutures prevent pupillary capture of the intrascleral-fixated IOL**
Takahiro Usui (Showa University Northern Yokohama Hospital Ophthalmology)
- C1-4 Single-pass four-throw pupilloplasty for iris capture**
Kouhei Ichikawa (Juntendo University Shizuoka Hospital)
- C1-5 Barricading by suturing prevent pupillary capture of the intraocular lens following intrascleral fixation**
Yuki Kozawa (Nippon Medical School Hospital Ophthalmology)
- C1-6 A case of dropped nucleus after crystalline lens subluxation phacoemulsified over sutures**
Mina Tsukagoshi (Showa University Northern Yokohama Hospital)
- C1-7 A case of extracapsular cataract extraction via inferior wound in Morgagni cataract surgery with lens subluxation for saving superior conjunctiva**
Satoshi Nagata (Ideta Heisei Retina Consultants)
- C1-8 Technique of anterior capsulotomy in morgagni cataract - viscoexpansion technique**
Yoshihiko Iida (Kitasato University)

Case Reports 2

Chairs : Sachiko Fukuoka (Tane Memorial Eye Hospital) / Santarou Noguchi (Tsukazaki Hospital)

- C2-1 Bilateral Descemet's Membrane Detachment during Phacoemulsification**
Mitsutaka Souda (Showa University Fujigaoka Rehabilitation Hospital)
- C2-2 Femtosecond laser-assisted cataract surgery in eye with phakic intraocular lens**
Keiko Sakatani (Minatomirai Eye Clinic)
- C2-3 A case report of endophthalmitis after Femtosecond LASER assisted cataract surgery**
Syouta Yoshimi (Department of Ophthalmology, Showa University School of Medicine)
- C2-4 Experience of using a new handpiece**
Ryouta Tomemori (Tomemori Eye Clinic)
- C2-5 The Effectiveness of Omega-3 Fatty Acid Supplementation in The Treatment of Dry Eye Syndrome: an Evidence-Based Case Report**
Anggini ATC (Universitas Indonesia, Jakarta, Indonesia)
- C2-6 Long anterior lens zonules**
Fumio Hosaka (Iwamizawa Municipal General Hospital)
- C2-7 A case of small corneal eye which successfully treated by Extracapsular Cataract Extraction using L-shaped scleral pocket incision technique**
Mikitaka Suzuki (Dokkyo Medical University)



Poster 1

Chair : Mitsutaka Soda (Showa University Fujigaoka Hospital)

- P1-1** Correction of hyperopia with an Implantable Collamer Lens:Short-term Results
Youko Yoshida (Nagoya Eye Clinic)
- P1-2** Contrast sensitivity in distance and near vision after implantation of a diffractive trifocal intraocular lens
Saki Tomonari (Kobe City Eye Hospital)
- P1-3** Case of iris transection and cataract after ICL surgery
Syouichi Tamaoki (Inouye Eye Hospital)

Poster 2

Chair : Ryo Moriyama (Moriyama Eye Clinic)

- P2-1** Examination of initial results of conventional microscope cataract surgery and Heads-up cataract surgery using digital microscope
Yudai Furukawa (Daiyukai Dai-Ichi Hospital)
- P2-2** Comparison of five intraocular lens power calculations for standard and nonstandard eye shapes
Tomoyuki Ishihara (Katayama Higashi Eye Clinic)
- P2-3** Anaphylactic shock due to antibacterial drip during cataract surgery - case report
Aki Kondou (Kanto Rosai Hospital)
- P2-4** A case developed severe choroidal detachment while being an intraocular lens sutured to the cilizry sulcus
Hideo Mori (Osaka City General Hospital)
- P2-5** Visual function of Trifocal Intraocular lens
Ayako Takayama (Kanazawa Medical University)
- P2-6** The influence of the rotation of an asymmetric bifocal intraocular lens on visual function
Tetsuji Takeshita (Kamiamakusa General Hospital)
- P2-7** Clinical outcome of extended depth of focus intraocular lens
Hitoshi Gotou (Nippon Medical School Ophthalmology)
- P2-8** Examination of postoperative postural restriction and axial misalignment in two types of toric intraocular lens inserted eyes
Kieko Matsuse (Tsukazaki)
- P2-9** Refractive changes following with intraocular lens implantation in children
Mizuho Mitsuata (Inouye Eye Hospital)
- P2-10** A case of piggyback intraoclar inplantation operated for refractive errors after cataract surgery
Masae Kouno (International Goodwill Hospital)
- P2-11** Refractive error outcoms undergoing cataract surgery with iStent insertion
Kimi Endou (Showa University Northern Yokohama Hospital)

Program

- P2-12** Examination of postoperative anterior chamber depth in eyes having phacovitrectomy with intraocular gas tamponade
Takashi Saitou (Toho University Sakura Medical Center)
- P2-13** Demonstration report of automatic identification system for intraocular lens
Syouto Adachi (Tsukazaki Hospital)



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