



Eye Physicians and Surgeons Association of Alberta Annual Scientific Meeting The Banff Centre for Arts and Creativity February 2-4, 2024

Program Learning Objectives:

1. Discuss modern approaches to challenging cataract surgery scenarios.
2. Build on my knowledge of contemporary vitreoretinal surgery.
3. Evaluate approaches to oculofacial and orbital surgery.
4. Appraise the state of the opioid epidemic in Alberta and discuss safe prescribing of opioids in ophthalmology.
5. Update my knowledge on novel research being performed by resident physicians in Alberta.

The 2024 Eye Physicians and Surgeons of Alberta Annual Scientific Meeting is an Accredited Group Learning Activity (Section 1), as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada and was approved by the Canadian Ophthalmological Society. Physicians may claim a maximum of 10 hours.

All education sessions include time allotted are scheduled for 48 minutes of presentation and 12 minutes interactive learning/Q&A.

Friday, February 2nd, 2024

3:00	Registration Desk Open	
4:00-5:00	Session 1: Challenging Cataract Cases part 1 - Tough Cases <ul style="list-style-type: none">• Dr. Uday Devgan MD	KC 101
5:00-7:00	EPSAA Annual General Meeting <ul style="list-style-type: none">• EPSAA members only	KC 101
7:00-9:00	Welcome Reception <ul style="list-style-type: none">• Ophthalmologists, trainees and technicians welcome.	KC 103-105

Saturday, February 3rd, 2024

7:00-8:00	BREAKFAST	Vistas Dining Room
7:55-8:00	Welcome and Introduction <ul style="list-style-type: none"> • Dr. Adam Muzychuk MD 	KC 101
8:00-9:00	Session 2: Tarsoconjunctival Flaps – A Brief History and Novel Applications <ul style="list-style-type: none"> • Dr. Jeremiah Tao MD 	
9:00-10:00	Session 3: Antisepsis for Intravitreal Injections <ul style="list-style-type: none"> • Dr. Murtaza Adam MD 	
10:00-10:30	BREAK	KC 103-105
10:30-11:30	Session 4: Challenging Cataract Cases part 2 - Complications <ul style="list-style-type: none"> • Dr. Uday Devgan MD 	KC 101
11:30-12:30	Session 5: Avoiding Disasters in Oculofacial Surgery <ul style="list-style-type: none"> • Dr. Jeremiah Tao MD 	
12:30-2:00	LUNCH	KC 103-105
2:00-3:00	Session 6: Vitreoretinal Surgery: The Cutting Edge <ul style="list-style-type: none"> • Dr. Murtaza Adam MD 	KC 101
3:00-4:00	Session 7: Challenging Cataract Cases part 3 - IOLs <ul style="list-style-type: none"> • Dr. Uday Devgan MD 	
	FREE TIME	
6:30-7:00	Cocktails	KC 303
7:00-9:00	Evening Dinner Reception	

Sunday, February 4th, 2024

8:00-9:00	BREAKFAST	Vistas Dining Room
9:00-10:00	Session 8: New Directions in Ocular Prosthetic Motility <ul style="list-style-type: none"> • Dr. Jeremiah Tao MD 	KC 101
10:00-11:00	Session 9: Off Label, But on Target: Scleral Fixation of the Light Adjustable Lens <ul style="list-style-type: none"> • Dr. Murtaza Adam MD 	
11:00-12:00	Session 10: The Opioid Epidemic in Alberta: Causes, solutions, and safe prescribing for ophthalmologists <ul style="list-style-type: none"> • Dr. Monty Ghosh MD 	
12:00-12:30	Session 11: Resident Physician Presentations <ul style="list-style-type: none"> • U of Alberta Resident presentation. • U of Calgary Resident presentation. 	
12:30-12:40	Closing Remarks <ul style="list-style-type: none"> • Dr. Adam Muzychuk MD 	

Presentations and Learning Objectives

Session 1: Challenging Cataract Cases part 1 – Tough Cases

1. Learn how to manage posterior polar cataracts.
2. Figuring out how to deal with white cataracts including intumescent cases.
3. Describe the approach to brunescient cataracts.

Session 2: Tarsoconjunctival Flaps – A Brief History and Novel Applications

1. Describe tarsoconjunctival flap techniques.
2. Understand unique indications that tarsoconjunctival flaps may be useful.

Session 3: Antisepsis for Intravitreal Injections

1. Understand best practice for minimizing infection risk with anti-VEGF treatment.
2. Describe the benefits and drawbacks of antisepsis options for intravitreal injections.

Session 4: Challenging Cataract Cases part 2 - Complications

1. Understand phaco wound burns - recognize, react, rescue, rehabilitate.
2. Learn how to manage floppy iris and iris prolapse.
3. Realize what to do when the capsule breaks.

Session 5: Avoiding Disasters in Oculofacial Surgery

1. Identify key features of iatrogenic ocular injury.
2. Formulate action plans to forestall a never surgical event.

Session 6: Vitreoretinal Surgery: The Cutting Edge

1. Understand the risks, benefits, and indications of vitreoretinal surgery.
2. Describe the ways that vitreoretinal surgery is evolving to maximize surgeon experience, patient outcomes, and safety.

Session 7: Challenging Cataract Cases part 3 - IOLs

1. Explain how pupil size and centration affect trifocal and EDOF IOLs.
2. Learn how to make IOL exchange easy.
3. Describe the future of accommodating IOLs and IOL calcs using AI and machine learning.

Session 8: New Directions in Ocular Prosthetic Motility

1. Compare eye removal surgical techniques.
2. Endorse new technologies that may improve the quality of socket rehabilitation.

Session 9: Off Label, But On Target: Scleral Fixation of the Light Adjustable Lens

1. Describe the risks and benefits of intraocular lens options for eyes without capsular support.
2. Identify ideal candidates for off-label use of the light adjustable lens.

Session 10: The Opioid Epidemic in Alberta: Causes, solutions, and safe prescribing for ophthalmologists

1. Assess the root causes of the opioid epidemic in Alberta.
2. Analyze potential methods for addressing widespread opioid addiction.
3. Demonstrate safe prescribing practices for ophthalmologists.

EPSAA Scientific Meeting 2024 Faculty

Jeremiah Tao, MD



Jeremiah Tao, MD, FACS is a professor and the chief of oculofacial plastic and orbital surgery at the Gavin Herbert Eye Institute, University of California, Irvine School of Medicine.

He is the editor of EyeNet Ophthalmic Pearls of the American Academy of Ophthalmology's (AAO) newsmagazine. Other positions have included meetings program chair and executive committee for the American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS).

He was the oculofacial plastic surgery subspecialty liaison to the American Board of Ophthalmology for which he is also an examiner and a member of the Oculoplastics Exam Development Committee. For the AAO, he is a member of the Ophthalmic Technology Assessments Committee.

Dr. Tao has trained many U.S. oculofacial plastic surgeons practicing as well as several around the world. He is the editor of the textbooks

Plastic Surgery of the Lower Eyelids and Efficient Oculofacial Plastic Surgery. He has written over 100 peer reviewed papers and book chapters in various aspects of orbit, eyelid, lacrimal, and facial cosmetic surgery, and he has been the keynote or featured speakers at multiple national and international meetings. In particular, he was the AAO Ruedemann Lecturer.

Other distinctions include the ASOPRS Research Award, the AAO Secretariat Award and the ASOPRS Outstanding Achievement Award. Lastly, he was inducted into the American Ophthalmological Society.

Uday Devgan, MD



Uday Devgan is ranked as the number 1 eye surgeon in California and number 2 in the USA (out of more than 15,000 ophthalmologists). He is in private practice, specializing in cataract and refractive surgery, at Devgan Eye Surgery in Los Angeles and a full partner at Specialty Surgical Center in Beverly Hills, California.

He is honored to have performed cataract surgery for more than 70 fellow eye surgeons and he knows that this personal recognition from your peers is far more important than a celebrity endorsement. Patients from all over the USA (and from other countries) fly to Los Angeles to have their cataract surgery with Dr. Devgan. A leading eye surgery journal deemed Uday Devgan MD as 1 of the top 25 leaders in ophthalmology of the last 25 years and he has been honored as 1 of the World's Top 100 influential leaders by The Ophthalmologist.

Dr Devgan is also passionate about teaching ocular surgery, particularly cataract surgery, to the next generation of ophthalmologists. He has previously served as full clinical Professor of Ophthalmology at the Jules Stein Eye Institute at the UCLA School of Medicine as well as Chief of Ophthalmology at Olive View-UCLA Medical Center and has been actively involved in resident surgical teaching for over two decades. Dr. Devgan is humbled to have won the most Surgical Professor Teaching Awards (5x) in the history of UCLA Ophthalmology. He continues to mentor former residents after the culmination of their training and is proud to say that he has directly mentored nearly 200 residents over the course of thousands of ocular surgeries.

Uday has been involved in consulting with many ophthalmic companies over the course of the past two decades and has participated in designing instruments, developing surgical platforms, evolving surgical techniques, and innovating new technologies.

Murtaza Adam, MD



Originally born and raised in Wisconsin, Dr. Adam joined Colorado Retina Associates as a vitreoretinal surgeon in 2017. After completing medical school at the Medical College of Wisconsin and induction into the Alpha Omega Alpha society, he completed both his ophthalmology residency and vitreoretinal surgery fellowship at Wills Eye Hospital in Philadelphia. During residency and fellowship, he was recognized with the James S. Shipman Award for Best Resident Scientific Presentation at the 2014 Wills Eye Hospital Annual Conference and received the William Tasman, MD Outstanding Fellow Award in 2017.

Dr. Adam has a passion for evidence-based medicine and innovation. He was awarded a prestigious Heed Fellowship research grant in 2015, accepted to the Fostering Innovative Retina Stars of Tomorrow (FIRST) program in 2018, inducted into the Retina Society in 2022, recognized with an Honor Award by the American Society of Retina Specialists in 2022, deemed “One to Watch” by Retina Today in 2023, and was selected in 2023 as one of Denver's top doctors by 5280 Magazine. He continues to advance the field through research with over 40 peer-reviewed scientific publications and 100 plus meeting abstracts. He serves as a reviewer for numerous scientific journals including Ophthalmology and Retina and his primary research interests involve scleral fixation of intraocular lenses, tele-ophthalmology, novel retinal imaging, oral sedation for vitreoretinal surgery, and ocular infectious disease.

Dr. Adam is highly involved in outreach and service, both locally and abroad. He currently resides as a volunteer physician for Colorado Coalition for the Homeless and was the 2017 VisionWalk Medical Chair for the Denver Chapter of the Foundation for Fighting Blindness. He has also participated in surgical cataract missions in India and Ghana. Dr. Adam also provides telemedicine retinal consultations for the Global Eye Project based in Haiti and Guyana.

Aside from treating common medical and surgical vitreoretinal conditions, Dr. Adam has a special interest in seeing patients with complications related to cataract surgery, dislocated intraocular lenses, and trauma that requires complex anterior and posterior segment reconstruction. He currently serves as the Chair of Clinical Research and principal investigator on multiple clinical trials. Dr. Adam also carves out time to teach and mentor medical students as an Adjunct Clinical Associate Professor at Rocky Vista University.

Monty Ghosh, MD



Monty Ghosh is an Internist and Addiction Specialist who works at the University of Alberta Hospital in Edmonton as an Internist as well as the Foothills and Rockyview Hospitals doing Addiction Medicine in Calgary. He works with multiple community based not for profit organizations to provide support for marginalized populations including The Alex and The Calgary Drop-In Centre. He also helps foster and create unique programs to support those living with substance use, experiencing homelessness, and with other vulnerabilities. He is the Medical Co-Lead for the AHS Rapid Access Addiction Medicine (RAAM) Program and medical director of the addictions programs at FMC, RGH, and SHC.

He has addiction certification through the International Society of Addiction Medicine, and a Masters Public Health from Harvard University. He is an assistant professor at both The University of Alberta and the University of Calgary, and is heavily involved with provincial policy building in Alberta, as well as with research and is the primary recipient of grants from Health Canada, Alberta Innovates, Alberta Health, and the Canadian Institute of Health Research. He is the current president of the Section of Addiction Medicine of the Alberta Medical Association.

He is also the co-chair of the Canadian Network for the Health and Housing of People Experiencing Homelessness (CNH3).