

2023 CGS 9th Annual Meeting PROGRAM

Thursday, November 23rd

7:30 pm – 9:30 pm

Welcome Reception – *Presented by Johnson & Johnson*

Friday, November 24th

7:00 am – 8:00 am

Registration, Breakfast, Exhibits

8:00 am – 8:15 am

Welcome / Opening Remarks

8:15 am – 8:35 am

Session 1 – Research Award Presentations

Moderator: Ali Hafez

Differential effects of acetylsalicylic acid and mitomycin C on cytokine-induced Tenon's capsule myofibroblast transdifferentiation and activity: Implications for glaucoma surgery – *Anastasiya Vinokurtseva*

CGS Research Partnership Opportunities – *Enitan Sogbesan, Biana Dubinsky-Pertzov*

Canadian Glaucoma Registry – Are we there yet? – *Enitan Sogbesan / Biana Dubinsky – Pertzov*

Discussion

8:35 am – 9:15am

Session 2 – Glaucoma Diagnostics

Moderator: Steven Schendel

AI in OCTA Perfusion Heterogeneity in Glaucoma – *Cameron Oliver*

Large Language Models (LLMs) ChatGPT in Ophthalmology Research – *Ali Salimi*

Augmented Intelligence (AI) for glaucoma – Opportunity to augment our work or a threat to what we do?

Panel Discussion: *Andrew Crichton, Rajiv Bindlish, Delan Jinapriya, Amaka Eneh*

Issues to discuss:

Benefits: Screening, Prediction of function and progression, increasing access and reducing costs, improving systems, intraoperative assistance, advancing research, prevents blindness, medical education, and training

Challenges: Gold standards, Ethical and legal considerations, accountability, data related, issues workflow integration, glaucoma definition, training

9:15 am – 9:45 am

KEYNOTE: Primary Congenital Glaucoma – Angle Surgery and Outcomes – Mr.

John L. Brookes

Discussion

9:45 am – 10:00 am

Session 3 – Medical Glaucoma, Part 1

Moderator: Caroline Lajoie

Is it glaucoma: How do I manage my non glaucomatous optic neuropathy – *Fiona*

Costello

Discussion

10:00 am – 10:30 am

Break and Exhibits

10:30 am – 11:20 am

Session 3 – Medical Glaucoma, Part 2

Moderator: Raj Bindlish

Medical Management of Uveitis and Glaucoma in Children – *Carol Tadrous*

Medical Management of Uveitis and Glaucoma in Adults – *Soumya Podury*

Case Studies – *Jeb One*

Surgical Considerations in patients with Uveitis and Glaucoma – *Patrick Gooi*

Panel Discussion

11:20 am – 1:00 pm

Session 5 – Glaucoma Surgery, Part 1

Moderator: Marianne Edwards

Indications and Tips for Office Based Glaucoma Surgery and Procedures

1. Selective Laser Trabeculoplasty – *Catherine Birt*
2. Laser Iridotomy – *Irfan Kherani*
3. YAG Goniopuncture – *Paul Harasymowycz*
4. Transcleral Cyclo diode / Micropulse – *Jella An*
5. YAG IZHV – *Jeb Ong*

Discussion

1. Bleb Needling – *Catherine Baril*
2. Paracentesis and Anterior chamber reformation – *Raageen Kanjee*
3. Intracameral Glaucoma Medication and Implants – *Jella An*
4. Tube revisions and Repositioning – *David Tingey*

Discussion

1:00 pm – 2:00 pm

Lunch and Exhibits

6:00 pm – 8:00 pm

Networking and Reception – *Innovation in Action – Partnering with Industry*

Johnson & Johnson Vision Care

Théa Pharma Canada

Labtician

Nova Eye Medical

Saturday, November 25th

7:00 am – 8:00 am

Breakfast and Exhibits

8:00 am – 8:45 am

Session 6 – Global Health and Human Resources – Glaucoma

Moderator: Lisa Heckler

Panel Discussion

Lessons from my experiences in International and Public Health Glaucoma
– *Andrew Toren, Enitan Sogbesan*

Training for the Future: Glaucoma Human Resource Development
– *Marjorie Carbonneau, Jonathan Wong, Irfan Kherani*

8:45 am – 9:15 am

Session 7 – Pediatric Glaucoma

Moderator: Gabriela Campos-Baniak

Paediatric Glaucoma – Diagnosing Glaucoma in Kids: An Update – *Asim Ali*

Discussion

9:15 am – 9:45 am

KEYNOTE: Secondary Childhood Glaucomas – Overview and Other Surgical
Options – *Mr. John L. Brookes*

Discussion

9:45 am – 10:15 am

Break and Exhibits

10:15 am – 11:15 am

Session 8 – Glaucoma Surgery, Part 2

Moderator: Paul Harazymowycz

New Surgical Technologies in the Horizon – *Hady Saheb*

Adjustable MIGS Glaucoma Surgery – *David B. Yan*

Scleral Patches in Preserflo Surgery – *Gavin Docherty*

Glaucoma Surgery: MIGS / Trabs / Tubes Case Panel – *Lesya Shuba, Toby Chan, Jennifer Rahman, Jing Wang, Michael Dorey*

Issues to discuss:

- My experience in starting MIGS. Is it worth it for my patients?
- Choosing the right MIGs for my patients – My considerations
- Why do I choose MIBs Vs Trabeculectomy
- Getting the best outcome: The Ahmed with MMC experience
- Why I would choose Clear Path Vs Baerveldt Vs Ahmed Valve

11:15 am – 11:50 am

Session 9 – Glaucoma Surgery, Part 3

Moderator: Nir Shoham-Hazon

Surgical Videos: Documenting for the Future: Toolbox, Techniques and Challenges
– *Corinne Lahoud*

Surgical Film Festival: My Challenging Cases and Complications Management

- Xen63 Cannulation – *Wei Sim & Delan Jinapriya*
- VR Simulation – *Patrick Gooi*
- Ahmed Valve and Clear Path Revision – *Patrick Gooi*
- Vit in Xen – *Corinne Lahoud / Toby Chan*

Voting and Discussion

11:50 am – 1:00 pm

Session 10 – Practice Management Strategies / Wellness

Moderator: Lisa Gould

1. Dear Younger Me! What I wished I knew at the beginning of my practice?
– *Sadhana Kulkarni*
2. Lessons from My Community Glaucoma Practice – *Bryce Ford*
3. Lessons from my Academic Glaucoma Practice – *Catherine Birt*
4. Preparing for Retirement: Physician Financial Perspectives – *Austin Metheral*

Discussion

1. Preparing for retirement from my Glaucoma Practice – *Paul Rafuse*
2. Strategies for well-being, coping with stress and avoiding burnout in my practice – *Paul Harasymowycz*
3. Mentoring for glaucoma subspecialists – *Cindy Hutnik*

Discussion

1:00pm – 1:05pm

Closing Remarks

1:00 pm – 1:45 pm

Lunch and Exhibits

1:45 pm – 3:00 pm

CGS Business Meeting

5:30 pm – 8:30 pm

CGS Closing Reception and Dinner

Guest Speaker



John Brookes, Consultant Ophthalmic Surgeon

Following medical training in London, John started his ophthalmic training at the Western Ophthalmic Hospital in Central London and several other eye institutions in the South East of England, culminating in a fellowship in both adult and paediatric glaucoma at Moorfields Eye Hospital. He was appointed as consultant surgeon at Moorfields in 2004, initially managing both adults and children with glaucoma but in recent years becoming a full time clinician treating children only.

In 2012, John became honorary consultant ophthalmologist at Great Ormond Street Hospital for Children and he continues to provide outpatient clinics and surgery on a weekly basis, mainly dealing with children with additional complex systemic needs.

Since 2022, having seen the burden of families travelling from Northern Ireland to London for treatment, he started a paediatric glaucoma service at the Royal Victoria Hospital, Belfast and he travels there weekly to provide an outpatient clinic and operating list, to reduce the travel and accommodation difficulties for families needing specialist treatment.

As a full time clinician, surgical outcomes are his main priority and research interest, particularly looking at outcomes of 360-degree trabeculotomies in both primary congenital glaucoma and selected secondary childhood glaucomas.

He regularly teaches on the ORBIS programme, having completed trips to India, China, Vietnam, Mongolia and Bangladesh and lectures widely on the subject of childhood glaucoma at National and International meetings, when time allows!

Outside of medicine, John's interests are playing tennis and running along the country roads and coastlines of Northern Ireland.

Learning Objectives

At the end of the meeting, participants should be able to:

1. Discuss the different glaucoma research studies awarded a grant in the last few years.
2. Provide an update on the management and understand the different approaches to managing pediatric glaucoma cases.
3. Provide an update on the most recent developments in functional / structural approaches to glaucoma diagnosis.
4. Understand the management of non-glaucomatous optic neuropathy and its differential diagnosis.
5. Discuss the management of glaucoma patients with associated uveitis.

6. Provide a forum for discussing the challenges related to providing glaucoma care including for human resource development and global health.
7. Provide an update on recent developments and review the surgical management of glaucoma including in office procedures and in combined or complicated cases.
8. Explore and offer practical practise management and wellness strategies to promote well-being and prevent burnout and stress.