



World Ophthalmology Congress  
16-19 August, 2024, Vancouver, Canada



Certification and Education for Eye Care Excellence

Organized by:



INTERNATIONAL  
COUNCIL of  
OPHTHALMOLOGY

The place where the *future of sight* is shaped.

## AOP Sub-Specialty Day

Saturday, August 17, 2024

Vancouver Convention Center | 1055 Canada Place, Vancouver, BC, V6C 0C3

6 IJCAHPO CE Credits

Lynn Anderson, PhD

Convener

**REGISTRATION**—<https://icowoc.org/registration>

### Session 1: Using Technology and Clinical Retina Skills for the Eye Care Team

8:30–10:00 a.m.

Session Chairs:.....Michael Stewart, MD  
..... Craig Simms, BSc, COMT, ROUB, CDOS

### Dr. Google: The Perils of Working in Health Care in the Age of Digital and Social Media

8:30–9:15 a.m.

Briar Sexton, MD

This course will examine how the internet has complicated the way eye care professionals and patients get information.

### Everything a Cataract-Refractive Technician Needs to Know About the Retina

9:15–10:00 a.m.

Michael Stewart, MD

This course will cover the aspects of retinal diseases that are important for a technician in a cataract/refractive practice. Topics such as macular puckers/holes, cystoid macular degeneration, age-related macular degeneration, retinal detachments, and endophthalmitis will be discussed.

## BREAK

10:00–10:30 a.m.

### Session 2: Eye Care in the Future

10:30 a.m.–12:00 p.m.

Session Chairs:.....Michael Stewart, MD  
..... Craig Simms, BSc, COMT, ROUB, CDOS

..... Lynn Anderson, PhD

### The Development of Eye Care in Mongolia

10:30–11:15 a.m.

Hugh Parsons, MD, FRCSC, Dipl. ABO

Low population density is a key obstacle to healthcare delivery in Mongolia. This course will discuss eye care access challenges faced in Mongolia and outline possible solutions to provide comprehensive care for all Mongolians.

### What is the Association Between Refractive Errors and Retinal Diseases

11:15 a.m.–12:00 p.m.

Michael Stewart, MD

High-magnitude refractive errors usually correlate with the eye's axial length, and both abnormally long (myopia) and short (hyperopia) axial lengths predispose to the development of pathologic retinal conditions. High myopia is associated with myopic maculopathy (maculoschisis, RPE atrophy, and choroidal neovascularization), tilted disc, and retinal tears and detachments. High hyperopia is associated with choroidal folds and uveal effusions. This course will discuss many of these conditions from a clinical perspective.

## LUNCH

12:15–1:15 p.m.

### Session 3: Vision Impairment and Imaging Skills

1:30–3:00 p.m.

Session Chairs:..... Dhar Dhandra, MD, FRCSC  
..... Craig Simms, BSc, COMT, ROUB, CDOS

..... Sonja Johnston, MD, BSc, FRCS

### Macular Degeneration: 2024 and Beyond

1:30–2:15 p.m.

Dhar Dhandra, MD, FRCSC

This course will highlight the new advances and treatments for macular degeneration, including stem cells, implants, eye drops, and injections.

### Fluorescein Angiography

2:15–3:00 p.m.

Craig Simms, BSc, COMT, ROUB, CDOS

This course will discuss the basics of fluorescein angiography starting with luminescence and fluorescence and how it can be used in the eye. The process of the fluorescein angiogram will be covered including the dosage, injection, and possible adverse reactions from the injection. The fluorescein angiogram sequencing and steps for completing the photography side of the procedure will also be discussed. The course will finish with the phases of the angiogram and descriptive terminology used to describe fluorescein angiography photographs.

## BREAK

3:00–3:30 p.m.

### Session 4: Refractive Error and Key Clinical Skills

3:30–5:00 p.m.

Session Chairs:.....Michael Stewart, MD

..... Craig Simms, BSc, COMT, ROUB, CDOS

..... Sonja Johnston, MD, BSc, FRCS

### Refraction for AOP

3:30–4:30 p.m.

Craig Simms, BSc, COMT, ROUB, CDOS

This course will cover plus cylinder retinoscopy and refinement. The optics behind the principles of plus cylinder retinoscopy will be covered followed by graphical examples of the procedures. The course will then move to the refinement part of the process showing methods utilizing Jackson's cross cylinder. The course will conclude with completing the refraction procedure with reading add, balancing techniques, and the duo chrome test.

### Refraction and Refinement:

### Interactive Session

4:30–5:00 p.m.

Interactive Session and Question and Answer Session

## ADJOURN

5:00 p.m.



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## Registration

Registration is open, please see below the regular registration rates, available until **July 15th, 2024**.

It's never too early to start planning and save on your registration.

Register today for WOC2024® and join our global community of 230,000 ophthalmologists.

## Register Now at:

[HTTPS://ICOWOC.ORG/REGISTRATION](https://icowoc.org/registration)

REGISTRATION IS OPEN

REGULAR REGISTRATION  
DEADLINE: JULY 15, 2024

LIVE DAYS

AUGUST 16–19, 2024

PRICING	Regular Until July 15, 2024	Late After July 15, 2024 and On-Site
Resident & Subspecialty Fellow/Allied Ophthalmic Professional/Medical Student	\$300.00	\$400.00

*Fees are in US dollars and not subject to VAT.*

## What's Included?

By registering to WOC2024®, you have access to:

- Admission to all scientific sessions
- Admission to the exhibition
- Online access to all abstracts
- Opening Ceremony & Welcome Reception
- Daily coffee breaks
- Satellite symposia from top industry leaders
- Live connection & networking opportunities with your peers
- Certificate of attendance
- CME points

## Registration Modification & Cancellation Conditions

Cancellation must be done in writing to [WOC-registration@icowoc.org](mailto:WOC-registration@icowoc.org) and confirmed by the Congress Organizer.

The following refund conditions apply:

- In case of cancellation before or on July 15, 2024, the registration fee will be refunded with a deduction of 50% as penalty charge.
- As of July 16, 2024, the registration fee will not be refundable for cancellations or no-shows.

Any refunds due will be processed within 30 days after the congress dates.