



World Glaucoma Association  
The Global Glaucoma Network

# 37<sup>th</sup> WGA Information and Planning Exchange (IPE) meeting

Sunday, November 14, 2021



**World  
Glaucoma  
Association**  
The Global Glaucoma Network

# Welcome!

**Fabian Lerner (Argentina)**  
President





**World  
Glaucoma  
Association**  
The Global Glaucoma Network

# Welcome!

**Shan Lin (United States)**  
Executive Vice President





Who is around the (virtual) table?

# The WGA core purpose & value

## To eliminate glaucoma-related disability worldwide

### Responsibility (Accountability)

to each other, to member societies, to the larger global glaucoma community, to the patient and to the public.

### Best Care and Service

advancing the best care available to glaucoma patients worldwide.



### Consensus

open communication, inclusion of diverse viewpoints, and the aspiration to achieve practical consensus before acting.

### Collegiality and Mutual Respect



# Strategic goals

## 1 Education

The WGA will be an important source of education for ophthalmologists and other health care providers related to glaucoma.



## 2 World Glaucoma Congress

The WGC will be the best glaucoma meeting in the world.



## 3 Public Awareness and Recognition of Glaucoma

Public awareness and recognition of glaucoma will increase.



## 4 Impact in Developing Countries

The resources of the global glaucoma community – including individuals, member societies, industry, governments, NGOs and patients – will be integrated and leveraged to enhance glaucoma care, particularly in developing countries.



## 5 Technology

The WGA will use information/communication technologies as a key tool in achieving its goals.



## 6 Organization

The WGA will be financially sound and organized to lead the glaucoma community.



## Council

The general task of the Council is to provide expertise and institutional memory from previous leadership.

Jeffrey Liebmann, Chair, US

Makoto Araie, Japan

Jonathan Crowston, Singapore

Robert Fechtner, US

David Friedman, US

Jian Ge, China

Ivan Goldberg, Australia

Franz Grehn, Germany

Daniel Grigera, Argentina

Peng Khaw, UK

Yoshi Kitazawa, Japan

Dennis Lam, Hong Kong

Olusola Olawoye, Nigeria

Ki Ho Park, South Korea

Norbert Pfeiffer, Germany

GC Sekhar, India

Tarek Shaarawy, Switzerland

Kuldev Singh, US

Remo Susanna Jr, Brazil

Ravi Thomas, Australia

Carlo Traverso, Italy

Ningli Wang, China

Robert Weinreb, US



# Executive Committee 2020-2021

The Executive Committee actively sets policy and ensures that the WGA has adequate resources to carry out its mission, and that its activities and expenses align with its mission focus.



Fabian Lerner (AR)  
**President**



Paul Healey (AU)  
**Treasurer**



Keith Martin (UK)  
**Immediate Past President**



Arthur Sit (US)  
**Assistant Treasurer**



Tin Aung (SG)  
**Past Past President**



Shan Lin (US)  
**Executive Vice President**



Neeru Gupta (CA)  
**President Elect**



Kaweh Mansouri (CH)  
**Associate Executive Vice President**



## Board of Governors

The Board of Governors is responsible for defining the WGA's mission and values and for providing overall leadership and strategic direction.

Nkiru Kizor - Akaraiwe, Nigeria

Vijaya Lingam, India

Jeffrey Liebmann, United States

Pradeep Ramulu, United States

Lisandro Sakata, Brazil

Ingeborg Stalmans, Belgium

Kazuhisa Sugiyama, Japan

Xinghuai Sun, China

Clement Tham, Hong Kong

Fotis Topouzis, Greece



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# WORLD GLAUCOMA ASSOCIATION SOCIETY MEMBERS

● Country with member glaucoma society

Representing over **12,000**  
individual members worldwide

**91 glaucoma member societies**



# New affiliated glaucoma societies in 2021

- **Central American and Caribbean Glaucoma Society**
- **Sudanese Glaucoma Association**



# Our **WGA** industry members

## SILVER

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**Alcon**

**GLAUKOS**<sup>®</sup>  
Changing Perspectives

## PLATINUM

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## GOLD

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**Santen**

## BRONZE

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**BAUSCH+LOMB**

**icare**  
VISIONARY IN VISION  
[www.icare-usa.com](http://www.icare-usa.com)



**NOVARTIS**

**SENJU**

**TOMEY**

**TOPCON**  
Healthcare  
SEEING EYE HEALTH DIFFERENTLY



**World Glaucoma Association**  
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# 9<sup>th</sup> WORLD GLAUCOMA E-CONGRESS<sup>®</sup>

**BEYOND BORDERS**

JUNE 30 - JULY 3, 2021

[www.worldglaucomacongress.org](http://www.worldglaucomacongress.org)

Organized by



Virtually hosted by



おむすび



# World Glaucoma E-Congress

The 9<sup>th</sup> World Glaucoma E-Congress was a special edition going Beyond Borders, organized by the World Glaucoma Association (WGA) and virtually hosted by the Japan Glaucoma Society (JGS).

**CO-CHAIR**  
**Tina Wong**  
Singapore



**CO-CHAIR**  
**Arthur Sit**  
USA



**VICE CHAIR**  
**Kaweh Mansouri**  
Switzerland  
SURGICAL SCIENCE



**VICE CHAIR**  
**Makoto Aihara**  
Japan  
CLINICAL SCIENCE



**VICE CHAIR**  
**Pradeep Ramulu**  
USA  
GENETICS & EPIDEMIOLOGY



**VICE CHAIR**  
**Hari Jayaram**  
UK  
BASIC & LAB SCIENCE



**MEMBER**  
**Chelvin Sng**  
Singapore  
SURGICAL SCIENCE



**MEMBER**  
**Harsha Rao**  
India  
CLINICAL SCIENCE



**MEMBER**  
**Anthony Khawaja**  
UK  
GENETICS & EPIDEMIOLOGY



**MEMBER**  
**Alex Huang**  
USA  
BASIC & LAB SCIENCE



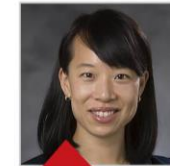
**MEMBER**  
**Sameh Mosaed**  
USA  
SURGICAL SCIENCE



**MEMBER**  
**Gus de Moraes**  
USA  
CLINICAL SCIENCE



**MEMBER**  
**Eranga Vithana**  
Singapore  
GENETICS & EPIDEMIOLOGY



**MEMBER**  
**Yvonne Ou**  
USA  
BASIC & LAB SCIENCE



**MEMBER**  
**Tanuj Dada**  
India  
SURGICAL SCIENCE



**MEMBER**  
**Tomas Grippo**  
Argentina  
CLINICAL SCIENCE



**MEMBER**  
**Yvonne Buys**  
Canada  
GENETICS & EPIDEMIOLOGY



**MEMBER**  
**Verena Prokosch**  
Germany  
BASIC & LAB SCIENCE



**MEMBER**  
**Vital Costa**  
Brazil  
SURGICAL SCIENCE



**MEMBER**  
**Andrew Tatham**  
UK  
CLINICAL SCIENCE



**MEMBER**  
**Toru Nakazawa**  
Japan  
GENETICS & EPIDEMIOLOGY



**MEMBER**  
**Michael Kook**  
South Korea  
BASIC & LAB SCIENCE

# 9<sup>th</sup> WORLD

# GLAUCOMA E-LEARNING



**CLICK HERE FOR THE  
WGC-2021 AFTER MOVIE**

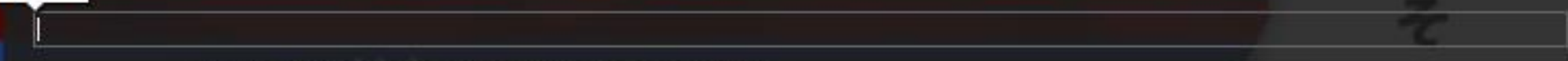
## BEYOND BORDERS

### CONTINUE LEARNING

おめでとうございます



02:11





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# Education

**Pradeep Ramulu (United States)**  
Chair Education Committee





## Resources for professionals

- ✓ Online courses
  - Basic Course in Glaucoma translated into Chinese, French, Portuguese, Spanish and Chinese
- ✓ Video Library
  - In development: personalized skill-based recommendations, with a Netflix-like experience
- ✓ **NEW:** Clinical questions / Procedure Demo videos
- ✓ **NEW:** WGA Surgical Grand Rounds



# NEW: Answers to important clinical questions in glaucoma videos

Collection of 5-7' presentations of speakers answering 30 fundamental questions about practice of glaucoma

Expanded to include “how to” videos for 20 basic procedures



**Peritomy**

- Grasp conjunctiva at 1 mm from limbus.
- Perform a small incision and enlarge it

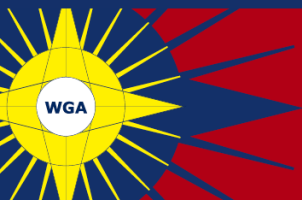


From: Lerner SF, Parrish RK. Glaucoma Surgery. Lippincott, Williams & Wilkins.

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**Fundamental questions in Glaucoma**







## **NEW: WGA Surgical Grand Rounds**

- ✓ Quarterly 1-hour webinars to be held in 2022
- ✓ 2 Videos showing surgical challenges / intraop complications
  - 2+ videos showing how handled
  - Panel discussion
- ✓ Moderated to discussed what was learned
- ✓ Archived “video-assisted skills transfer”



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# WGA Global Webinars

**Fabian Lerner (Argentina)**  
President



# Launch of the WGA Global Webinar Series

Free high-quality education for the entire glaucoma community.

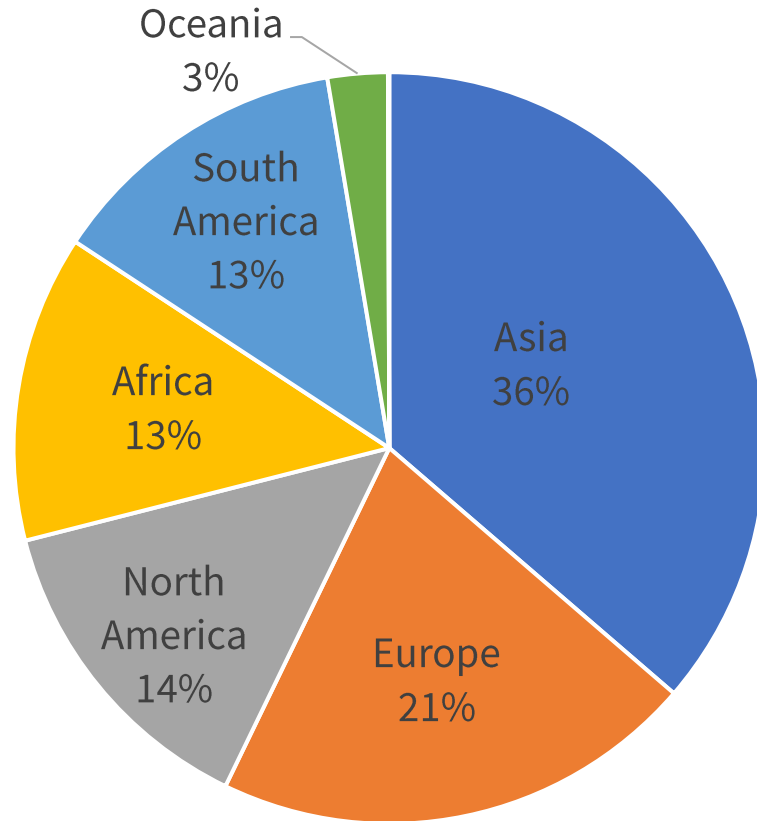
The webinars to date have averaged thousands of viewers each with more than 130 countries represented.



WGA **Global Webinars**  
THE DIGITAL GLAUCOMA NETWORK



# Reaching all corners of the world



## Top 20 countries

- India
- United States
- Nigeria
- United Kingdom
- Japan
- Peru
- Philippines
- China
- Brazil
- Indonesia
- Malaysia
- Mexico
- Australia
- Thailand
- Argentina
- Lithuania
- Colombia
- Ecuador
- Taiwan
- Germany
- Chile



## 6 Global Webinars in 2020/2021

1. October 10, 2020 | **Glaucoma Surgery**
2. December 19, 2020 | **Glaucoma Diagnosis, monitoring and more**
3. February 12, 2021 | **Diagnosis and Management of Angle Closure**
4. April 10, 2021 | **Medical Treatment of Glaucoma: now and next**
5. May 22, 2021 | **Lifestyle and Glaucoma**
6. October 9, 2021 | **WGC-2021: Going Deeper**

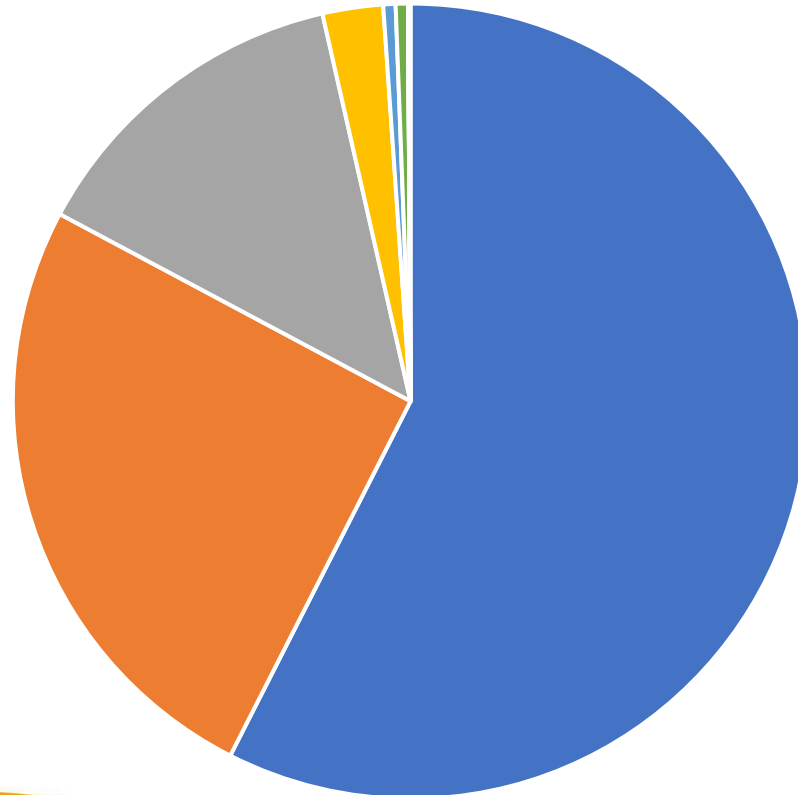


**WGA Global Webinars**  
THE DIGITAL GLAUCOMA NETWORK

Recordings available via  
WGA#One account

# Survey to participants

**How likely are you to recommend this webinar to a colleague?**  
(with 10 being most likely to recommend)



- **10 – 57.49%**
- **9 – 25.31%**
- **8 – 13.64%**
- 7 – 2.46%
- 6 – 0.50%
- 5 – 0.50%
- 4 – 0%
- 3 – 0%
- 2 – 0%
- 1 – 0.10%

■ 10 ■ 9 ■ 8 ■ 7 ■ 6 ■ 5 ■ 4 ■ 3 ■ 2 ■ 1



# Thank you for joining!

## See you next year.

**Save the dates**

February 12 | May 21 | November 12





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# Spotlight on Africa

**Neeru Gupta (Canada)**  
President Elect



# World Glaucoma Association 3 Month Fellowship Program

- Young ophthalmologists from developing countries learn practical skills and broaden their perspectives of ophthalmology and glaucoma
- **In 2021, Ten talented candidates** from Africa received awards for further training.
- Many will be the first to be glaucoma trained in their country
- \$6,000 Award per Fellow (4 Fellows supported by Novartis)

in collaboration with the



INTERNATIONAL COUNCIL  
of OPHTHALMOLOGY



# 2021 Fellowship Program

- Registration for WGC-2021 Beyond Borders

Symposium at WGC-2021

## **Tackling Africa's Glaucoma Burden**

Chairs: Neeru Gupta and Dan Kiage

1. The WGA's Commitment to Glaucoma Care in Africa – Neeru Gupta
2. Glaucoma – The Size and Weight of the Problem in Sub-Saharan Africa – Sola Olawoye
3. How is Glaucoma in African Patients Uniquely Different? – Nkiru Kizor-Akaraiwe
4. Medical and Surgical Strategies for Glaucoma Care in Africa – Dan Kiage
5. 2021 ICO-World Glaucoma Association Fellows Speak Up About Challenges



# Clinical Training for Fellows

- 3 months planned at top institutions in Japan
- Coordinated by Prof. Nakazawa
- In conjunction with the Japanese Glaucoma Society
- Visa process underway



The WGA has supported  
18 fellows from  
12 countries in Africa  
since 2017





**CLICK HERE FOR THE  
FELLOWSHIP VIDEO**



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# Empowering patients

**Lisandro Sakata (Brazil)**  
Co-chair Patient Committee

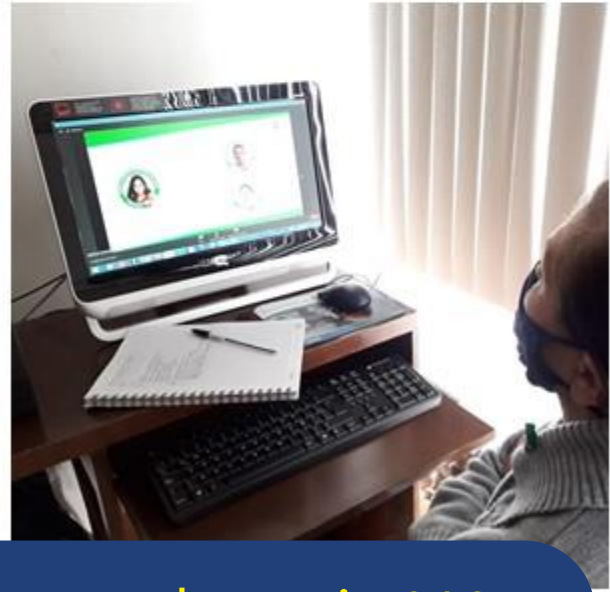






World Glaucoma Week is a global initiative of the World Glaucoma Association in order to raise awareness on glaucoma.



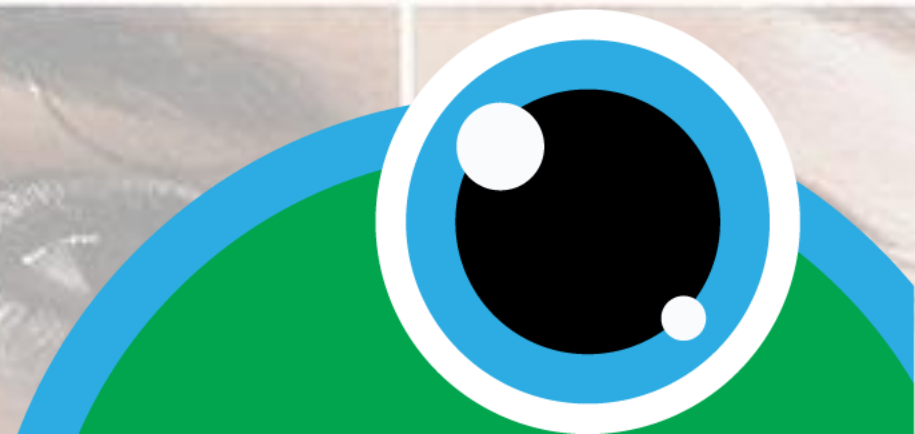


**494 activities** posted on [www.worldglaucomaweek.org](http://www.worldglaucomaweek.org) in 2021



# World Glaucoma Week

Next edition:  
March 6-12, 2022

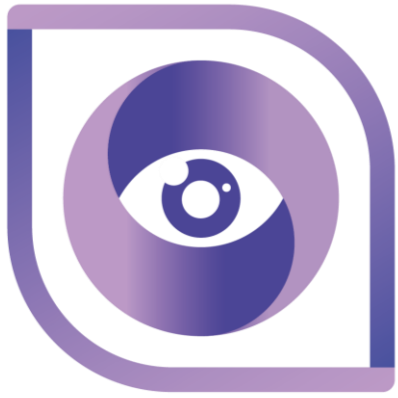


## Lifestyle and Glaucoma

A webinar for patients and their loved ones

- ✓ Broadcasted at global prime time on World Sight Day, October 14
- ✓ 1,800+ viewers
- ✓ Reached 174,922 with social media campaign
- ✓ Available on-demand with subtitles in 10 languages
- ✓ Stay tuned for World Sight Day 2022!





## World Glaucoma Patient Network

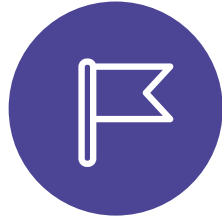
EMPOWERING PATIENTS

The WGNP provides empowerment for patients, is an education and information network, organizes available resources and supports patient groups.



### MISSION

To better the lives of persons with glaucoma.



### GOALS

To encourage, promote and facilitate cooperation between existing glaucoma patient organizations and support groups worldwide.



### GOALS

To encourage the establishment of new glaucoma patient organizations and support groups worldwide where there are none.



### GOALS

To empower glaucoma patients and their caregivers by facilitating access to educational and support information designed specifically for them and by providing appropriate support.





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# International Glaucoma Review (IGR)

**Kaweh Mansouri (Switzerland)**  
Associate Executive Vice President

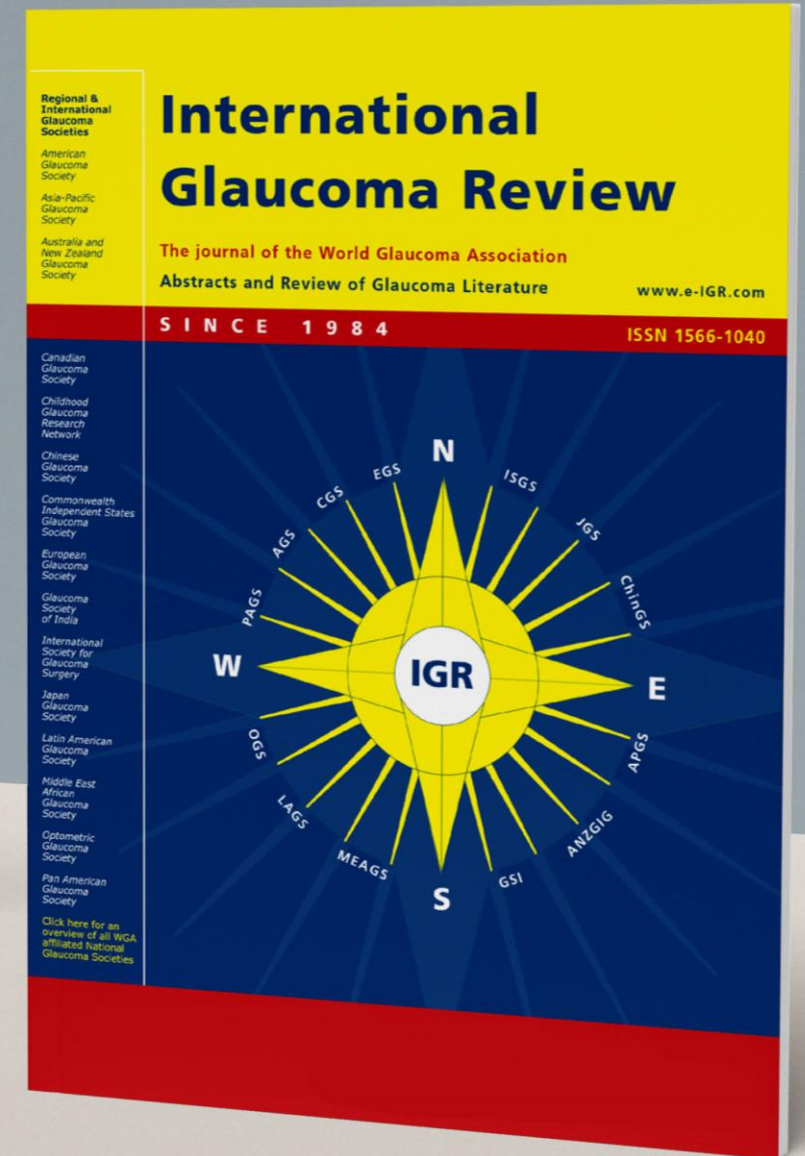


**Chief Editor:** Robert N. Weinreb (US)

**Contributing Editors:** Christopher Leung (HK), Kaweh Mansouri (CH), Arthur Sit (US)

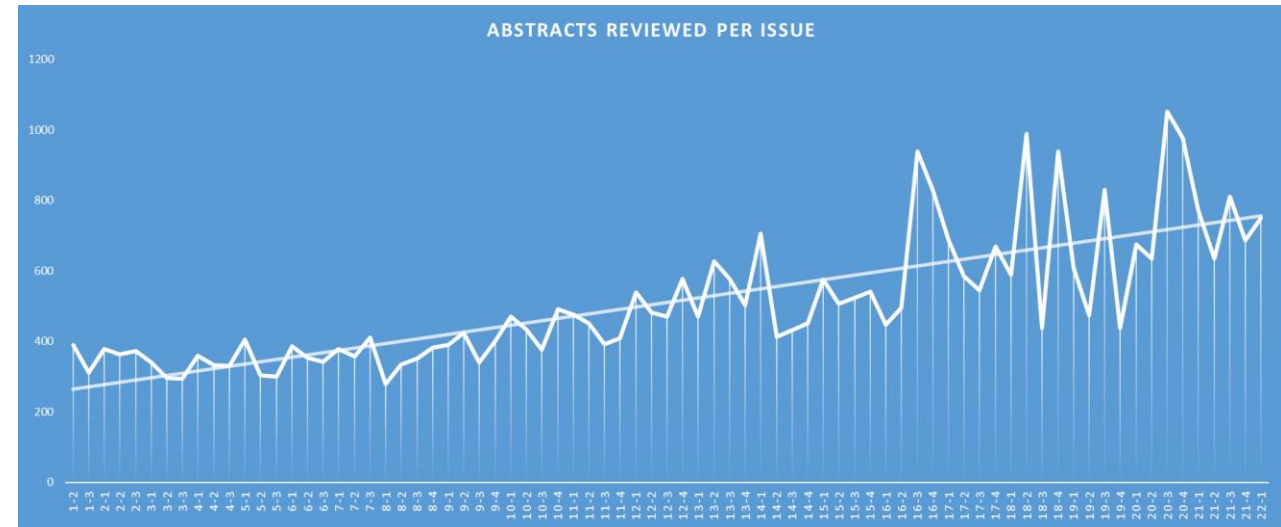
**Publisher:** Simon Bakker, Kugler Publications (NL)

- ✓ The uniqueness of the International Glaucoma Review is its attempted completeness, its classification, and the Editor's Selection.
- ✓ It is the only journal that presents a three-monthly critical review of selected glaucoma literature.
- ✓ IGR is distributed free of charge to all members of affiliated Glaucoma Societies four times a year.



# IGR statistics: production

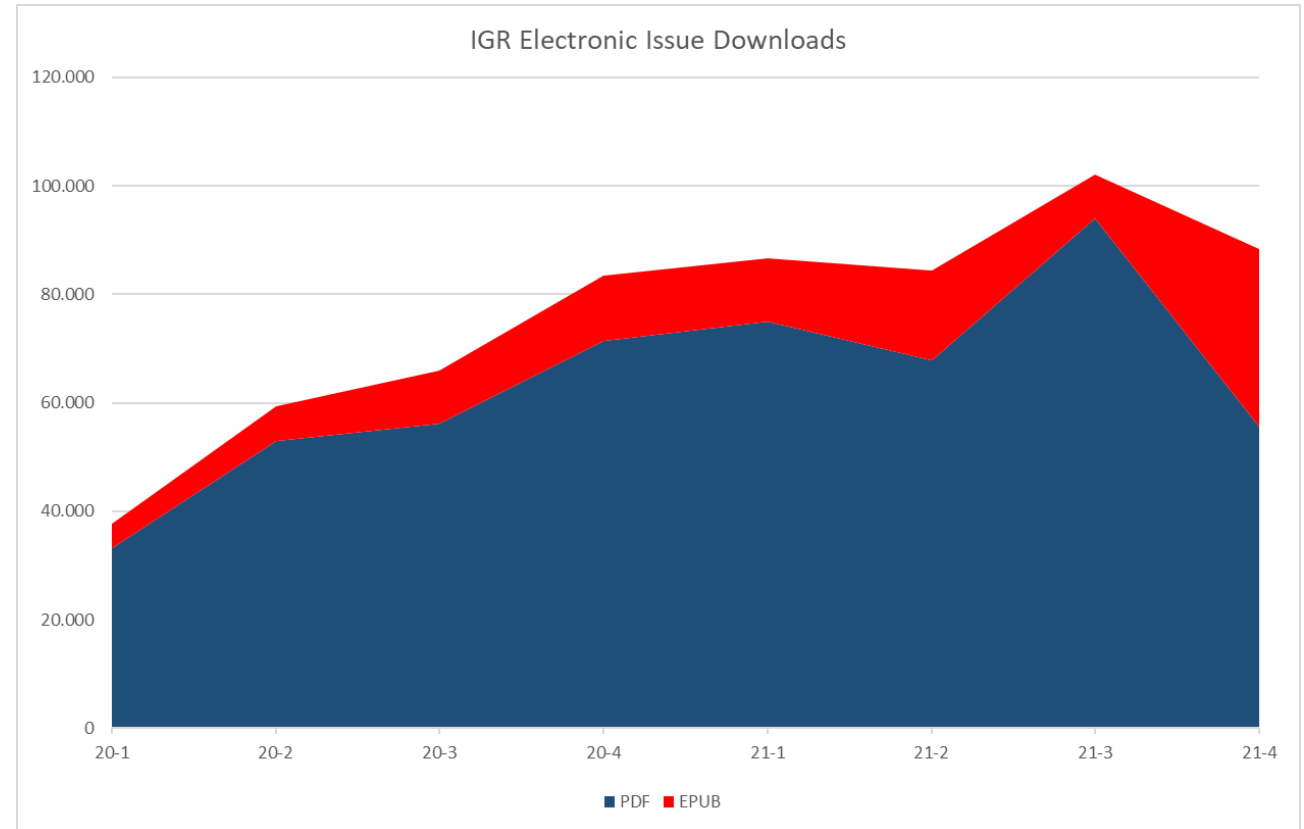
- The average number of publications in Glaucoma is rapidly growing and thus is the number of abstracts to review prior to soliciting expert comments: It roughly tripled since 1999
- The database now holds over **40,000** searchable and categorized abstracts (by IGR's unique classification system)
- Of these abstracts, more than **2,100** are commented on by 600+ experts from around the world
- AVG abstracts reviewed per issue: **778**. Measured over issues > vol. 20





# IGR statistics: issue downloads

- AVG PDF download: **63,286**  
(measured over issues > vol. 9)
- 21-3 broke all records with > **100,000** downloads!
- 22-1 was published in October and dissemination is still underway
- 22-2 is under preparation and planned to be published in December





# International Glaucoma Review

The Journal of the World Glaucoma Association

IGR 22-1 is **OUT NOW** and available as PDF or ePUB at [www.e-igr.com](http://www.e-igr.com)!  
Flipbook version available via **WGA#One**.

Visit [www.wga.one](http://www.wga.one) for more information.  
IGR Volume 22-1 is out now.  
Download your free copy at [www.e-igr.com](http://www.e-igr.com).

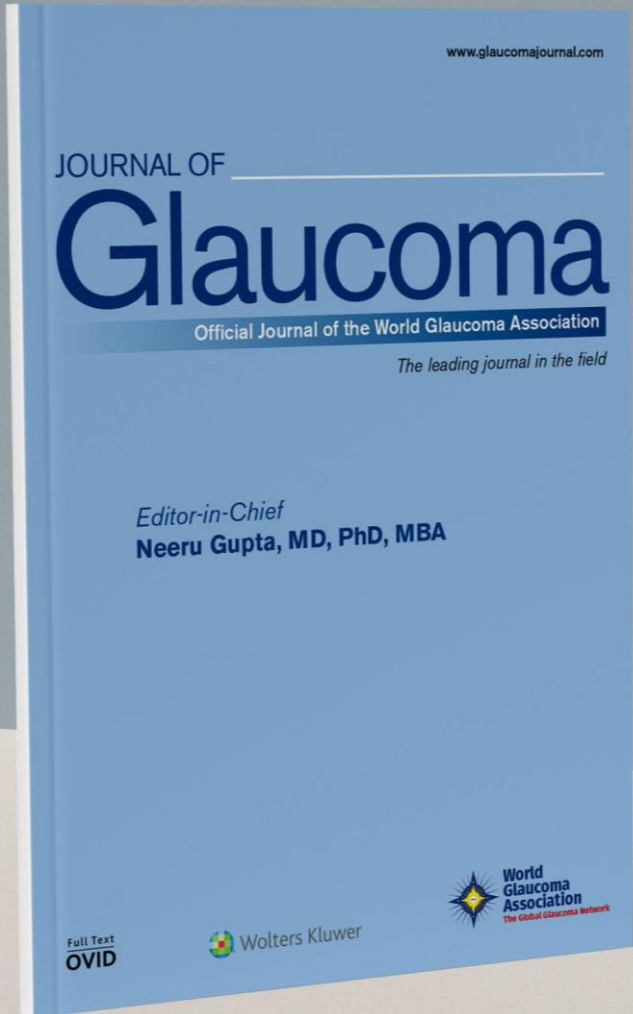


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# Journal of Glaucoma

**Neeru Gupta (Canada)**  
President Elect





# Journal of Glaucoma

The official journal of the World Glaucoma Association

- ✓ A stimulating forum for discussion of clinical, scientific, and socioeconomic issues of greatest concern to clinicians who care for glaucoma patients
  - ✓ The only scientific journal dedicated to the field of glaucoma that is both indexed and has an impact factor.
  - ✓ As the official journal of the WGA, online access to the Journal of Glaucoma is provided for free to all individual members of our affiliated Glaucoma Societies, including all ophthalmologists from sub-Saharan countries and glaucoma fellows worldwide via our WGA#One platform.

# Journal of Glaucoma Submissions Handled

2016	2017	2018	2019	2020	2021 to October
582	664	735	688	993	782



# Publication Timelines - Jan to Oct 2021

- Average time to first decision **23.8 days**
- Post – acceptance online within **72 hours**
- Online within **2 weeks**
  
- Reviewers accept invitation - average **1.7 days**
- Reviews completed – average **10.3 days**



# Journal of Glaucoma – First Quarter 2021

Visits Change

▲ 11.7%

🔒 Unique Visitors Change

▲ 28.2%

Page View Change

▲ 51.8%

🔒 Full Text View Change

▲ 91.1%



# Unique Visit Trends

Oct 2021	<b>13,876</b>
Sept 2021	<b>13,417</b>
Aug 2021	<b>12,904</b>
July 2021	<b>12,319</b>





2021

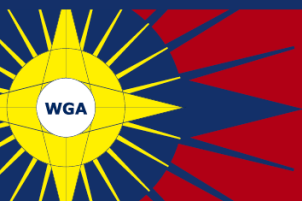
Submissions  
from 57  
countries

Readers from  
138 countries

1. United States
2. India
3. United Kingdom
4. China
5. Japan
6. Canada
7. Australia
8. Germany
9. South Korea
10. France



Year	Impact Factor
2020	2.503
2019	1.992
2018	1.661
2017	1.742





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# World Glaucoma Congress 2023

**Kaweh Mansouri (Switzerland)**  
Associate Executive Vice President





Organized by



Co-hosted by



At La Nuvola Rome  
Convention Center



10<sup>th</sup> **WORLD GLAUCOMA CONGRESS**<sup>®</sup>

JUNE 28 - JULY 1, 2023 ROME, ITALY

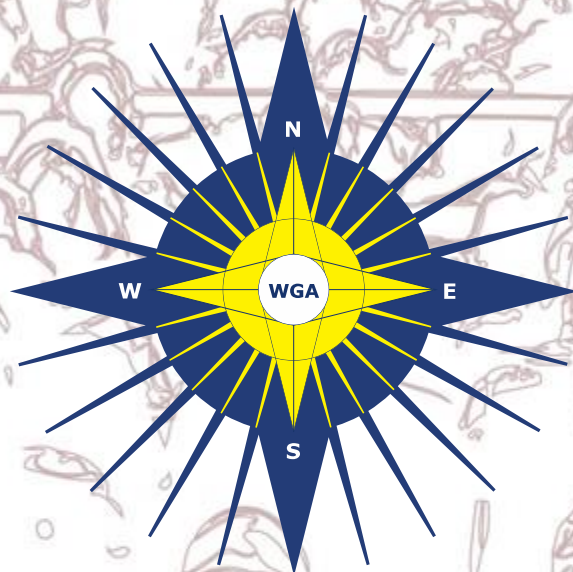
[www.worldglaucomacongress.org](http://www.worldglaucomacongress.org)



**CLICK HERE FOR THE  
WGC-2023 VIDEO**

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Exchange (IPE) meeting**  
[www.worldglaucoma.org](http://www.worldglaucoma.org)