

# **World Glaucoma Association**

## **The Global Glaucoma Network**

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

# Welcome

**Fabian Lerner** (Argentina)

President



# Welcome

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





Who is around the virtual table?

# Agenda

- Welcome & introduction
- Glaucoma Society Members
- Glaucoma Industry Members
- Education
- World Glaucoma Week
- WGA Global Webinar Series
- World Glaucoma Congress 2021
- International Glaucoma Review (IGR)
- Journal of Glaucoma (JOG)
- Fellowship Program





**CLICK TO PLAY VIDEO**

# 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

Jeffrey Liebmann, Chair, US  
Makoto Araie, Japan  
Jonathan Crowston, Singapore  
Robert Fechtner, US  
David Friedmann, US  
Jian Ge, China  
Ivan Goldberg, Australia  
Franz Grehn, Germany  
Daniel Grigera, Argentina  
Roger Hitchings, UK  
Peng Khaw, UK

Yoshi Kitazawa, Japan  
Dennis Lam, Hong Kong  
Norbert Pfeiffer, Germany  
GC Sekhar, India  
Kuldev Singh, US  
Remo Susanna, Brasil  
Ravi Thomas, Australia  
Carlo Traverso, Italy  
Ningli Wang, China  
Robert Weinreb, US



# EXECUTIVE COMMITTEE 2020-2022



Fabian Lerner (AR)

**President**



Paul Healey (AU)

**Treasurer**



Keith Martin (UK)

**Immediate Past President**



Shan Lin (US)

**Executive Vice President**



Tin Aung (SG)

**Past Past President**



Kaweh Mansouri (CH)

**Associate Executive Vice President**



Neeru Gupta (CA)

**President Elect**

# Board of Governors

Nkiru Kizor – Akaraiwe, Nigeria

Vijaya Lingam, India

Jeffrey Liebmann, US

Pradeep Ramulu, US

Lisandro Sakata, Brazil

Arthur Sit, US

Ingeborg Stalmans, Belgium

Kazuhisa Sugiyama, Japan

Clement Tham, HK

Fotis Topouzis, Greece

Xinghuai Sun, China



# WORLD GLAUCOMA ASSOCIATION SOCIETY MEMBERS



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

**89 glaucoma member societies**



# New affiliated glaucoma societies in 2020

- Glaucoma Group of the Ophthalmological Society of **Ghana**
- Glaucoma Chapter of the **Peruvian** Society of Ophthalmology



# Our **WGA** industry members

## SILVER

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## PLATINUM

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## GOLD

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## BRONZE

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**World Glaucoma Association**  
The Global Glaucoma Network

# Education

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





**CLICK TO PLAY VIDEO**





# Glaucoma Information

for the general public, patients and their relatives

 [CLICK TO PLAY VIDEO](#)

Hi!

I am the Doc, and I am here to help you browse this website. Please click on one of the categories!

## Welcome

At this website, you will find out who is at risk, what are the symptoms, and how glaucoma can be treated.



# World Glaucoma Week

March 8 - 14, 2020



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

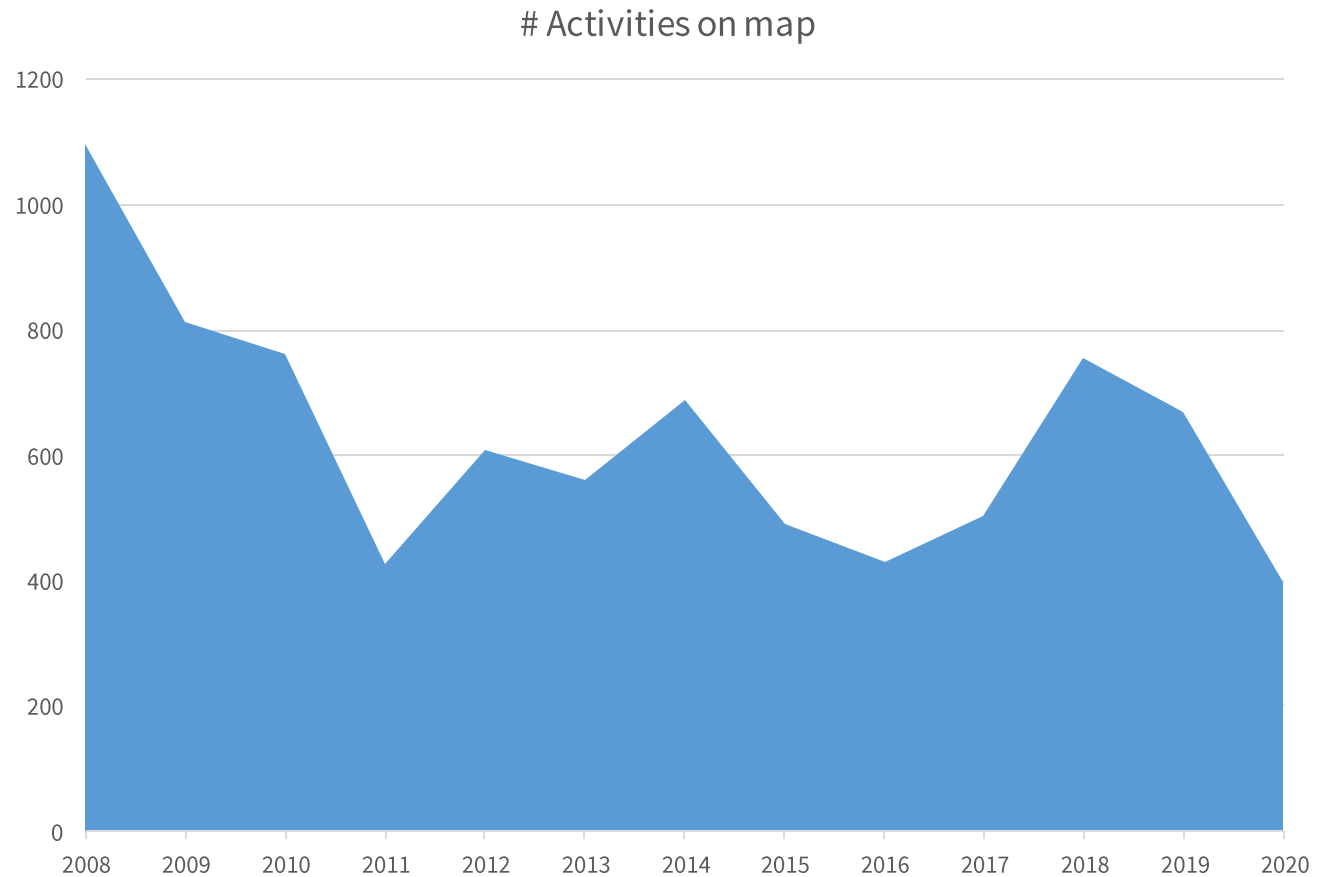
# Around the world

399 activities posted on the World Map

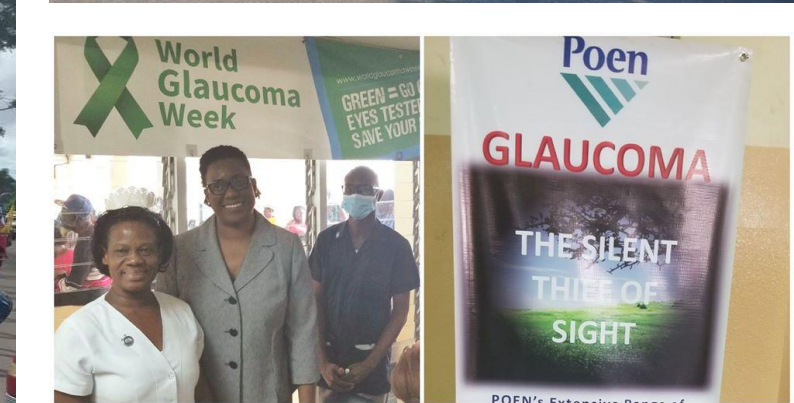


# Compared to previous editions

Year	# Activities on map
2008	1099
2009	812
2010	761
2011	426
2012	609
2013	562
2014	689
2015	492
2016	431
2017	504
2018	757
2019	670
2020	399
TOTAL	8211



Less activities in 2020 due to  
COVID-19 outbreak



# 2020 VISION



## GLAUCOMA CAN AFFECT ALL AUSTRALIANS

When Perth woman Gaela Hilditch was in her 20s, she was hit in the eye with a ball during a game of squash.

Afterwards, she went on her merry way, not realising the accident was the start of a slow-progressing and potentially blinding eye disease.

"At aged 50, just out of the blue, I was diagnosed with glaucoma," Ms Hilditch said. "People often don't realise you can get glaucoma from eye trauma."

Ms Hilditch, now a Glaucoma Australia volunteer and support group coordinator, said an estimated 300,000 Australians had glaucoma – a disease where vision is lost due to optic nerve damage.

While many older Australians suffer with the condition, Ms Hilditch knows all too well glaucoma doesn't discriminate.

"It's a myth that only older people get glaucoma," she said.

"We have a very diverse group of people who attend our support group, one who was diagnosed aged 33 and another who was diagnosed aged 16.

"Babies can be born with glaucoma.

"It's very important younger people get their eyes checked.

"Early detection and treatment can save sight."

The Glaucoma Australia Perth support group meets four times a year and regularly engages an ophthalmologist to speak at meetings.

Ms Hilditch said it was a great opportunity for people to learn more about glaucoma, ask burning questions and connect with other people who suffered from the disease.

"People aren't always comfortable sharing their experiences with friends, who just don't understand because they don't experience glaucoma themselves," she said.

"Our support group brings people out of isolation, you meet people with all kinds of challenges, you have a good laugh and you form friendships. It's very therapeutic."

About one in 10,000 babies are born with glaucoma and about one in 200 people will have glaucoma by age 40, according to Glaucoma Australia. By age 80, one in eight people have the disease.

The nerve damage cannot be self-detected and Australians are encouraged to visit an optometrist every two years for a comprehensive eye exam, particularly people with a family history of glaucoma or those of Asian or African descent.

Those wishing to learn more about glaucoma are invited to the Harry Perkins Institute of Medical Research in Nedlands on April 18 at 2pm.

The Glaucoma Australia support group meeting will feature Lions Eye Institute Managing Director Professor Bill Morgan.

Interested parties can RSVP by contacting Ms Hilditch on 0416 074 415 or emailing gaela12@hotmail.com.



Gaela Hilditch.



DR. GABOR HOLLO



DR. AUGUSTO AZUARA



**ระวังต้อหิน!**  
**เหตุอันถึบ 1 ฑาบอดถาวร!**

**▶ พกบถการบรรยายวชชาการ**  
**โรคต้อหินและการผ่าตด**  
**โดยวธลลยณแบบบรรมชาต**  
**(Deep Sclerectomy)**

โดย  
**พญ. ณฐมน ศรสรารญ**

จกขุแพทยถเฉพาะทางถันต้อหิน ถถกรจก โรงพยาบาลพญาไท 1

วันสารท 7 มถาคม 2563 เวลา 9.30-11.30 น.  
ณ ห้องประชุม We happy อาคาร 3 ชัน 1

**พร้อม ถาม-ถอบ**  
**และลุนรับ... รางวัล Lucky Draw**  
**ฟรี! จันวน 3 รางวัล**

สนใจสอบถามเพิ่มสนได้ท  
**01772**  
หรือ QR CODE



**SUNRISE NEWSFEED**

**'DON'T BE BLINDSIDED'**  
Kirk Pengilly's campaign for World Glaucoma Week



# New: infographic

get   
**TESTED**  
FOR GLAUCOMA

Glaucoma is a group of related eye disorders, resulting in progressive damage to the optic nerve of the eye. The major risk factor is intraocular pressure (IOP) that, when sufficiently elevated, will damage the optic nerve.

## the FACTS

Every one in 200 people aged 40 have glaucoma, which rises to one in eight by aged 80.

The most vulnerable include:



Family members of those with glaucoma have a ten-fold risk of getting glaucoma themselves

Glaucoma is the most common cause of irreversible blindness

In many cases, glaucoma may be asymptomatic, meaning it shows no symptoms; half of those living with glaucoma are unaware that they are affected

AI can revolutionise early detection on a larger scale; giving more accurate diagnosis

there is no CURE

The high-rate of glaucoma is largely attributed to subjective factors including:

- NON-COMPLIANCE
- LATE PRESENTATION
- LACK OF KNOWLEDGE
- HIGH SEVERITY AT TIME OF DIAGNOSIS

## 78 million have glaucoma

**111.8 million** are predicted to have glaucoma by 2040

**90%** of glaucoma is undetected in developing countries

**1 billion** have no access to eye-care, due to unfair distribution

## KNOW WHEN TO GET CHECKED

Because, the **EARLIER** the diagnosis, the less damage will be done and the more vision will be saved!

**BEFORE AGE 40** every 2 - 4 years

**FROM 40 - 60** every 2 - 3 years

**AFTER 60** every 1 - 2 years

## World Glaucoma Week March 8 - 14 2020

The World Glaucoma Week is a major collaboration between the World Glaucoma Association and the World Glaucoma Patient Committee; where glaucoma societies and glaucoma patient groups all participate. It includes a series of global activities alerting people to have regular eye and optic nerve checks to detect glaucoma earlier, thus preserving sight.

What is the World Glaucoma Week trying to do?

Globally alert people to have regular eye checks & detect glaucoma earlier

Increase glaucoma awareness

Increase global accessibility to knowledge and eye-care

Ultimate goal:  
PRESERVE SIGHT GLOBALLY

# Green =

Go get your eyes tested for glaucoma  
**Save your sight!**

#gettested #glaucomaweek

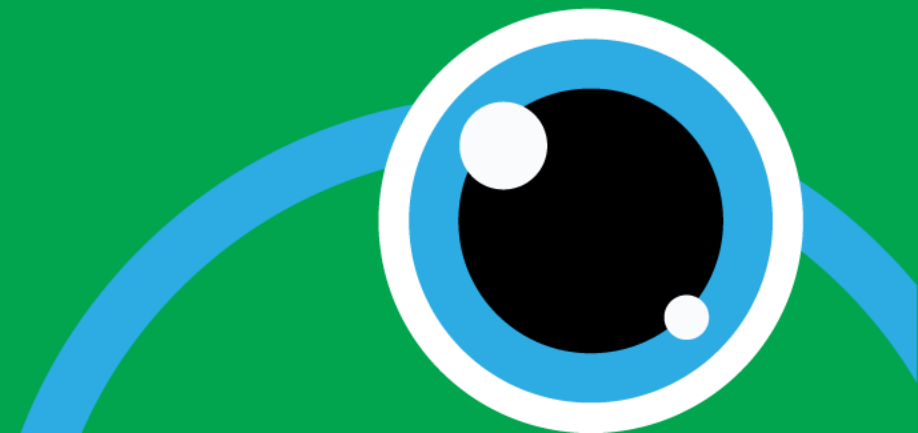
 **World Glaucoma Association**  
The Global Glaucoma Network

**GET TESTED!**

# FACEBOOK CAMPAIGN

**225,258 people reached | 37,924 users engaged with our content**

**323,671 campaign impressions**

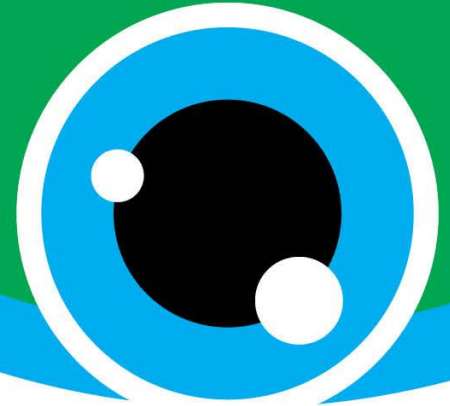






# World Glaucoma Week

March 7 - 13, 2021



[f worldglaucomaweek](https://www.facebook.com/worldglaucomaweek) | [t GlaucomaWeek](https://twitter.com/GlaucomaWeek) | [@ worldglaucomaweek](https://www.instagram.com/worldglaucomaweek)

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

# WGA social media August - October 2020

- WGA posts seen over **637K times** over 3 months across all platforms
  - Accumulated follower growth of **888** new contacts over 3 months
- Facebook engagements have grown by **52%** compared to previous 3-month period
  - LinkedIn followers have grown by **76%**, maintaining over **5%** engagement rate

**facebook**

**629** new followers over 3 months  
**5,516** followers in total

EGS	2,340 followers
AGS	2,772 followers
APGS	806 followers
LAGS	685 followers
ARVO	4,571 followers
AAO	53,885 followers



**100** new followers over 3 months  
**1,441** followers in total

**Linked in**

**159** new followers over 3 months  
**376** followers in total



# Launch of the WGA Global Webinar Series

**Robert N. Weinreb** (United States)  
Chair Organizing Committee

Free high-quality education for the  
entire glaucoma community.



# 1<sup>st</sup> WGA Global Webinar





WGA  
**Global  
Webinars**

THE DIGITAL GLAUCOMA NETWORK



Hosted by **Entod Pharmaceuticals**  
Orphan Care & Business Since 1977

Sponsored by  **Allergan**

Supported by  **IRIDEX**

Saturday, October 10 on  
**Glaucoma Surgery**



# Live views

Facebook: 3,250

YouTube: 3,078

Weblink: 2,682

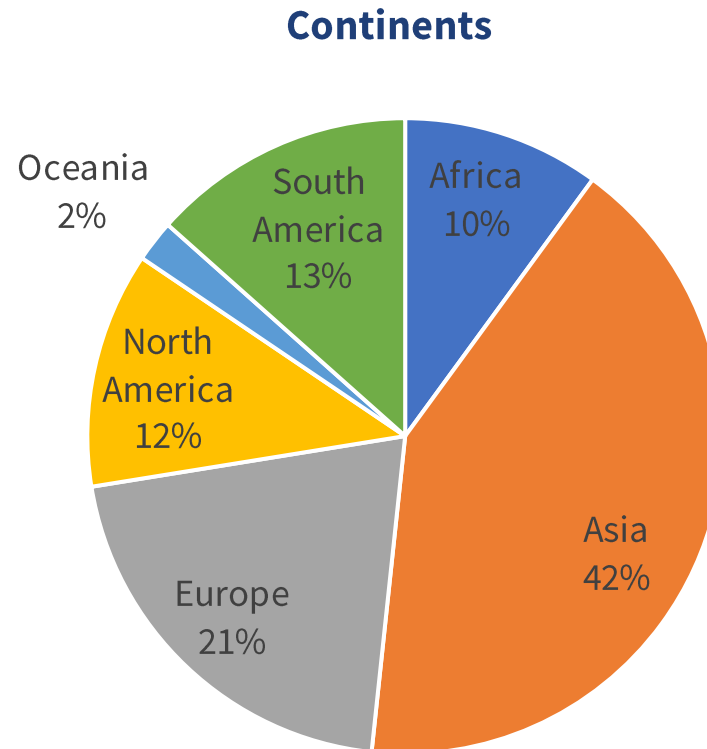
The screenshot shows a webinar registration page with a red and yellow color scheme. At the top, it features logos for WGA Global Webinars, World Glaucoma Association, Entod Pharmaceuticals, and Allergan. The main content area includes a large banner with the text "Join us October 10, 2020" and "Register for the first ever global webinar Free high-quality education for the Glaucoma Community". A sidebar on the right contains a "JOIN THE WORLD GLAUCOMA ASSOCIATION FOR THE FIRST GLOBAL WEBINAR" section with a "LIVE" indicator, a calendar for October 10, 2020, and a "Post Your Questions or Feedback" form with a "Send" button.

FINAL views across all platforms: **9,010**



# Registration

**137**  
different  
countries



## Top 20 countries

India  
United States of America  
China  
Nigeria  
United Kingdom  
Brazil  
Myanmar  
Argentina  
Mexico  
Japan  
Philippines  
Peru  
Indonesia  
Australia  
Turkey  
Malaysia  
Chile  
Italy  
Romania  
Spain



# Facebook campaign

33,145 people reached

3,676 users engaged with our content

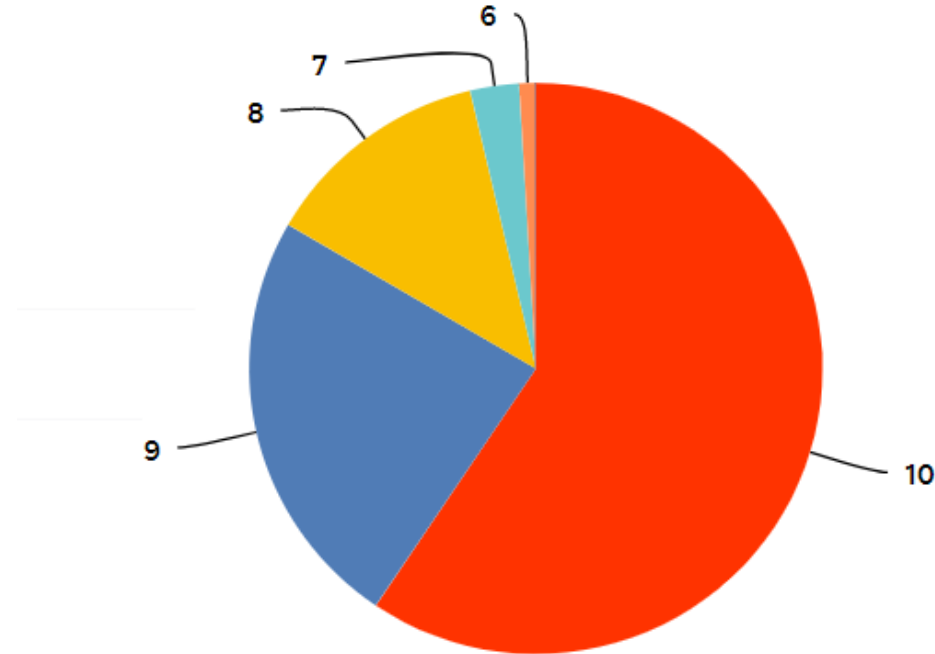
95,728 campaign impressions



# Survey to participants

**How likely are you to recommend this webinar to a colleague?**

**(10 being most likely to recommend)**



- 10 – 59,4%
- 9 – 24%
- 8 – 12,9%
- 7 – 2,7%
- 6 – 1%
- 5 – 0%
- 4 – 0%
- 3 – 0%
- 2 – 0%
- 1 – 0%





# Recording available via WGA#One account



**WGA Global Webinars**  
THE DIGITAL GLAUCOMA NETWORK

**Watch the recording of the WGA  
Global Webinar on Glaucoma Surgery from October 10, 2020**

**Organized by**  
 **World Glaucoma Association**  
The Global Glaucoma Network

**Hosted by**  
 **Entod Pharmaceuticals**  
Ocular Care & Wellness Since 1977

**Sponsored by**  
 **Allergan**  
an AbbVie company

**Supported by**  
 **IRIDEX**





# Join us

2<sup>nd</sup> WGA Global Webinar:  
**Glaucoma diagnosis, monitoring and more**

DECEMBER



# 19

2020



Organized by



Hosted by



Supported by



# 9<sup>th</sup> WORLD GLAUCOMA CONGRESS<sup>®</sup>

## Program Planning Committee

**Arthur Sit and Tina Wong (co-chairs)**

Kaweh Mansouri, vice chair

Makoto Aihara, vice chair

Pradeep Ramulu, vice chair

Hari Jayaram, vice chair

**Members:** Yvonne Buys, Vital Paulino Costa, Tanuj Dada , Gustavo De Moraes, Tomas Grippo, Alex Huang, Anthony Khawaja, Michael Kook, Sameh Mosaed, Toru Nakazawa, Yvonne Ou, Verena Prokosch, Harsha Rao, Chelvin Sng, Andrew Tatham, Eranga Vithana

**Congress Organizer:** Diane Zaleski



# Local Organizing Committee

## Chair

**Makoto Aihara**

Secretary

Megumi Honjo

PCO member

Meyumi Ninomiya

Committee Members

Makoto Nakamura

Tadashi Nakano

Masaki Tanito

Kazumasa Otori

Masaru Inatani

Kazuhiko Mori

Aiko Iwase

Hitomi Saito

Takeo Fukuchi

Toru Nakazawa







**The 9<sup>th</sup> World Glaucoma Congress® is going  
Beyond Borders**

**WGC-2021 Beyond Borders is a special edition that will  
take place end of June/early July 2021 ONLINE**

**Virtually hosted by the Japan Glaucoma Society**

**A global experience with local character**

# Program Structure

Balance of plenary sessions, parallel sessions and courses:

- Developing a high quality, comprehensive and stimulating program with great speakers
- Improving gender balance of chair and speakers
- Maintaining good geographic representation
- Major topics and recent advances
- Parallel courses with greater choice and catering for different levels of expertise
- A number of new initiatives
- Adapted for an engaging online experience



# Next steps

Update congress branding	December 2020
Revise sponsor prospectus	December 2020
Confirm congress dates	December 2020
Invite Faculty	January 2021
Open registration	February 2021
Abstract submission deadline	March 2021





10<sup>th</sup> World Glaucoma Congress  
**Rome, Italy**  
June 28 - July 1, 2023



# International Glaucoma Review (IGR)

**Robert N. Weinreb** (United States)

Chief Editor: Robert N. Weinreb (US)

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

Publisher: Simon Bakker (NL)



**International Glaucoma Review**  
The Journal of the World Glaucoma Association  
Abstracts and Review of Glaucoma Literature  
www.e-igr.com  
SINCE 1984 ISSN 1566-1040

IGR 21-1 is out now and available for download at [www.e-igr.com](http://www.e-igr.com)!

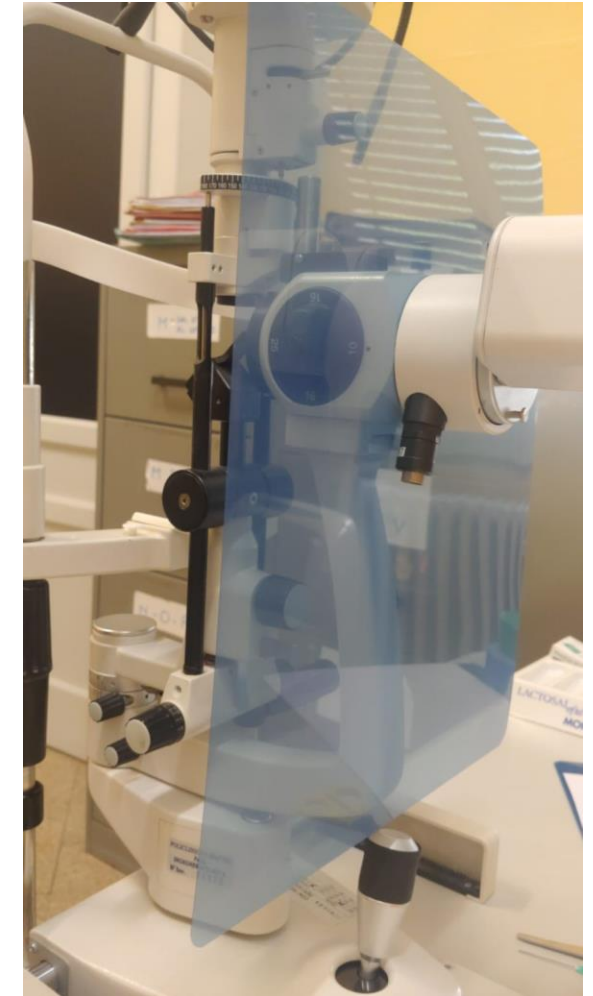
Visit [www.e-igr.com](http://www.e-igr.com) for more information.



# Publication Schedule

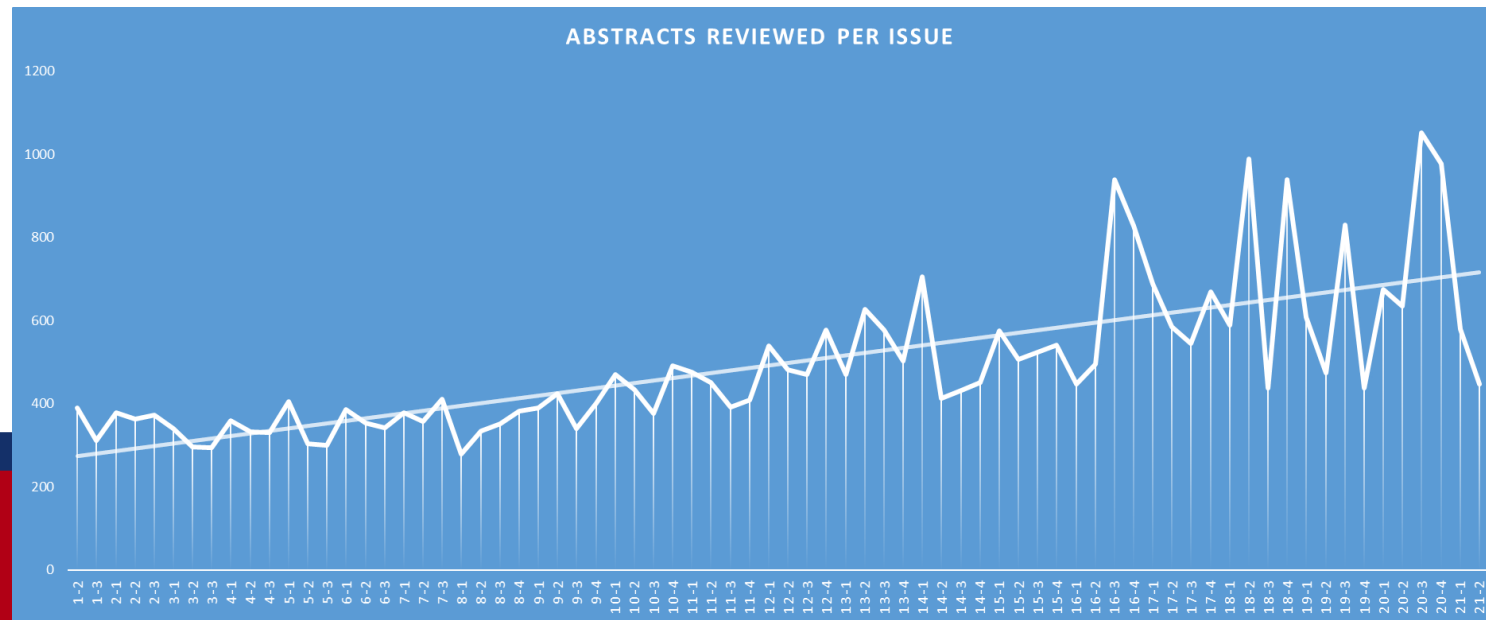
- IGR 21-1:
  - Just out! - Published on November 9th
- IGR 21-2 is in the abstract review phase
- Future issues:

Issue	Publication date	Ad materials due
<b>2020</b>		
21-2	December 2020	December 1, 2020
<b>2021</b>		
21-3	February 2021	February 3, 2021
21-4	May 2021	May 6, 2021
22-1	August 2021	August 8, 2021
22-2	November 2021	November 10, 2021
<b>2022</b>		
22-3	February 2022	February 3, 2022
22-4	May 2022	May 6, 2022



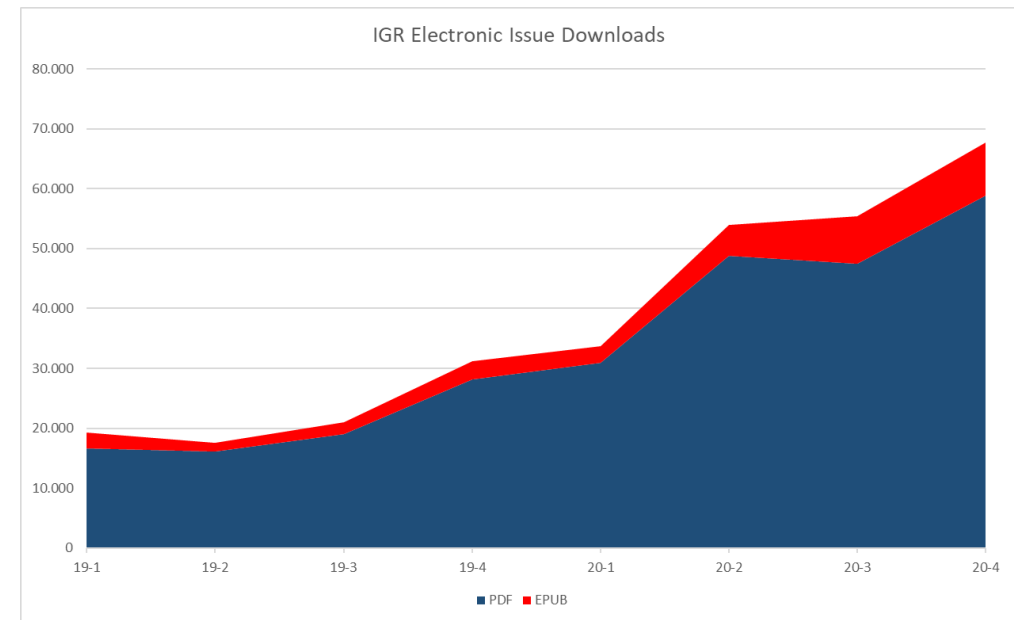
# IGR statistics: production

- 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 **37,000** searchable and categorized abstracts (by IGR's unique classification system)
- Of these abstracts, more than **2,000** are commented on by 600+ experts from around the world
- AVG abstracts reviewed per issue: **510**. Measured over vols. 1 to 20: issues
- AVG abstracts reviewed per issue: **712**. Measured over vols. 19 and 20: 8 issues.



# IGR statistics: issue downloads

- Average download are up by almost **48%** since July 2020
- IGR 20-4,extra large COVID-19 issue had **67,656** total downloads to date!
- AVG PDF download: **33,246** (measured over volumes 19 and 20)
- AVG EPUB download: **4,218** (measured over volumes 19 and 20)



# Journal of Glaucoma

**Jeff Liebmann** (United States)  
Editor-in-Chief



# Journal of Glaucoma – Thank you to Leadership

- Jeffrey Liebmann, MD, Editor-in-Chief
- Robert Weinreb, MD, Co-Editor

## **Associate Editors**

- Tanuj Dada, MD
- Christopher Girkin, MD, MPH
- Neeru Gupta, MD, PhD (2019)
- Ki Ho Park, MD, PhD
- Pradeep Ramulu, MD, PhD
- Fotis Topouzis, MD, PhD
- Janey Wiggs, MD, PhD
- C. Gustavo de Moraes, MD, MPH, PhD (Reviews and Updates Editor)
- Emeritus: Anne Coleman, MD, PhD (2016-2019)

## **Editorial Board**

98 members  
22 countries

## **WGA Liaison**

Shan Lin, MD  
Kaweh Mansouri, MD, MPH



# Journal of Glaucoma – Congratulations

Neeru Gupta, MD. PhD

Editor in Chief

January 1, 2021

Thank you to everyone who contributed to improving the Journal over the past 5 years!





# Journal of Glaucoma – Annual Submission Growth

2016: 582

2017: 664

2018: 735

2019: 688

2020 (to date)- 857



**GO TO YOUR WGA#ONE DASHBOARD TO ACCESS JOG**

### Your Dashboard

Your profile      Education

Publications      Our congress

### Publications Index

World Glaucoma Association  
**Progression of Glaucoma**  
Consensus Series - 8  
See all consensus publications

International Glaucoma Review  
IGR  
Learn more about IGR

JOURNAL OF Glaucoma  
Learn how to access JOG

**→ [wga.one/dashboard](http://wga.one/dashboard)**



# Spotlight on Africa

**Neeru Gupta** (Canada)  
President-Elect



# World Glaucoma Association 3 Month Fellowship Program

- The ICO-World Glaucoma Association Three Month Fellowship Program is organized to help promising young ophthalmologists from developing countries improve their practical skills and broaden their perspectives of ophthalmology and glaucoma
- **Ten** talented candidates from Africa get the opportunity to experience excellent scientific and clinical training in glaucoma in **2021**
- WGA provides a total of \$60,000 US funding for 2021, \$6,000 per Fellow

in collaboration with the



**INTERNATIONAL COUNCIL**  
*of* **OPHTHALMOLOGY**



# Where are the 2017 Fellows now?

## **Martin Olivier Tchouyo Tougna, Cameroon**

Medical Doctor -Ophthalmologist -Master in Public Health, Magrabi ICO Cameroon Eye Institute

- an average of 40 glaucoma patients per day
- carried out around 138 surgeries (trabeculectomy)
- hospital acquired at the start of this year the SLT and I performed SLT on about 100 eyes



## **Farouk Garba, Nigeria**

AAB member since 2019

Consultant / Ophthalmologist /  
Lecturer

Department of Ophthalmology,  
College of Medical Sciences,  
Ahmadu Bello University,  
Zaria - Nigeria

## **Philip Phatudi, South Africa**

AAB member since 2019

In a group private practice where main focus  
is glaucoma management

South African Glaucoma Society (SAGS) ExCo

Head of the Glaucoma unit at the St Johns  
Eye hospital in Johannesburg



# The 2019 Fellows at WGC-2019

*From left to right*



**Mohamed Elamin Abdelmoneim** Sudan

Host institute: Sydney Eye Hospital, Sydney  
Supervisor: Prof Ivan Goldberg

**Lemlem Tamrat** Ethiopia

Host institute: Flinders Hospital, Adelaide  
Supervisor: Prof Jamie Craig

**Omodele Oluwayemisi Jagun** Nigeria

Host institute: Lion's Eye Institute/Royal Perth, Perth  
Supervisor: Prof Bill Morgan

Neeru Gupta (WGA Officer External Affairs)

**Faith Vata Masila** Kenya

Host institute: Westmead Hospital, Sydney  
Supervisor: A/Prof Andrew White

**Bigirimana Deus** Burundi

Host institute: Royal Victorian Eye and Ear Hospital, Melbourne  
Supervisor: Dr Catherine Green



# Fellowship Program 2021

- Attendance of WGC-2021
- 3 months of training at a Japanese institute
- We received a total of **19** applications
- The 10 Fellows represent 9 different countries in Africa
- Many will be the first to receive glaucoma training in their country or region
- Novartis financially supporting 4 Fellows in 2021



# Meet the 2021 Fellows & their Hosts

HOSTS			FELLOWS			
	Institution	Supervisor	Prefecture	Region	Name	Country
1	University of Tokyo	Makoto Aihara	Tokyo	Northeast Africa	Yaseen Siddique AHMED	Sudan
2	Tokai University	Yasuyuki Suzuki	Kanagawa	Central Africa	Kintoki Makela GUYGUY	Congo
3	Shimane University	Masaki Tanito	Shimane	West Africa	Aisha sheriff KALAMBA	Nigeria
4	Jikei University	Tadashi Nakano	Tokyo	Southern Africa	Evélia Dádiva Daniel MAROLE	Mozambique
5	Niigata University	Takeo Fukuchi	Niigata	South-Central Africa	Phyllis Makala MOONGA	Zambia
6	University of Yamanashi	Kenji Kashiwagi	Yamanashi	East Africa	Rebecah NANDASABA	Kenya
7	Oita University	Toshiaki Kubota	Oita	West Africa	Chinasa Anderline NNUBIA	Nigeria
8	Kitasato University	Nobuyuki Shoji	Kanagawa	East African Horn	Meriem Seraj NURREY	Ethiopia
9	Kanazawa University	Kazuhisa Sugiyama	Kanazawa	Island off of East Coast	Ony RANDRIANJAFISAMINDRAKOTROKA	Madagascar
10	Hiroshima University	Yoshiaki Kiuchi	Hiroshima	West Africa	Diane SONASSA	Guinea





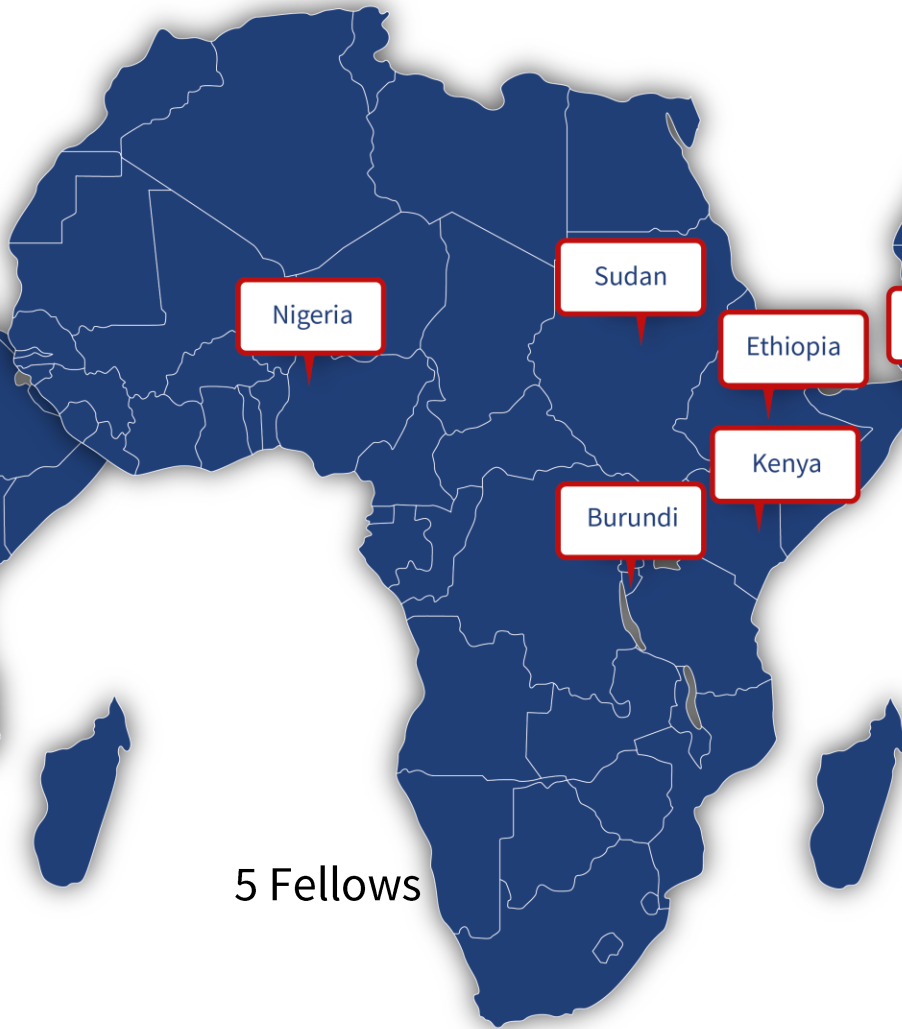
2021



2017



2019



2021



**18 WGA Fellows from  
12 different  
African countries  
in total**





● Country with member glaucoma society

# 36<sup>th</sup> WGA Information and Planning Exchange Meeting



December 2020