

# KISII EYE HOSPITAL

## Annual Activity Report 2022



**9<sup>th</sup> Edition**

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# Innovation Eye Centre - Kisii Eye Hospital: At A Glance

## Program Description:

Innovation Eye Centre is a social enterprise that offers high quality, affordable and accessible comprehensive world class eye care services to the community in South Western Region of Kenya and beyond.

## CEO/Medical Director:

Dr. Dan Kiage, Consultant Ophthalmologist, Glaucoma Specialist

## Year Started:

We started seeing our first patients in February 2013

## Year Officially Launched:

Innovation Eye Centre – Kisii Eye Hospital was officially inaugurated by Kisii County Governor, H.E. Hon. James Ongwae on 29<sup>th</sup> November 2013.

## Geographical Type:

Peri-Urban, Rural Set Up

## Target Market:

We target to cover a population of about 5.2 million people especially in the counties of Kisii, Nyamira, Migori, Homa Bay, parts of Kisumu and Narok and beyond.

## Country:

Kenya

## Town:

Kisii

## Location:

Nyanchwa Area, Behind Kisii Primary School

## Our Vision

*“Eliminating Preventable Blindness”*

## Our Mission

*“To Provide Affordable Quality Eye Care”*

## Our Core Values

*Patient Centered, Quality, Compassion, Ethics, Innovation*

## Our Purpose

*To deliver First Class Comprehensive Eye Care Services to all in order to “Improve Lives through Affordable Quality Eye Care”*

## Our Business Model for Service and Social Transformation:

Innovation Eye Centre is a social enterprise that offers high quality, affordable and accessible comprehensive world class eye care services to the community in the South Western Region of Kenya and beyond.

Innovation Eye Centre is using an entrepreneurial approach to solve a social problem- avoidable blindness and visual impairment. We aim to create a positive social impact through the restoration of sight and prevention of avoidable blindness. As we combine business discipline, medical skills and compassion we ensure that ALL can receive high quality affordable eye care services irrespective of their social economic status.

# MEDICAL DIRECTOR'S REPORT AND HIGHLIGHTS 2022

We have just concluded one of the most fulfilling year ever in several aspects. First was the joy of getting out of the Covid 19 crisis and recovering what we lost including getting all our staff back and in full salary but second was the fact that we came out stronger and more determined to face the future. We have resumed our mission of providing eye care services to all regardless of their financial ability and devised more ingenious ways of reaching out to the people with most need, especially the ones who could otherwise not access eye care services while at the same time maintaining the high quality of the services offered.



**Dr. Daniel Kiage**

The foremost parameter for efficiency is cataract surgery. While previously we were achieving a cataract surgery conversion rate of about 10% of all the patients seen, in 2022 we achieved an all-time high of 14%. The quality of the cataract surgery outcome also improved from the previous average of 83% to 87% above the recommended WHO rate of 80%. Even when we did 48% of the cataract surgeries to the needy at no charge, we still maintained sustainability.

We are pleased with our strong team of partners both locally and internationally with whom we have maintained a very healthy relationship. We have also been honored with several awards in 2022, especially the notable Global 2022 XOVA Award for Excellence in Ophthalmology and others

as listed in this report. But the unsung awards are the chickens, bag of avocados, tears of joy that the men and women who have been touched by the services in our hospital keep giving us. We are glad to have expanded our customer coverage to over 25 counties to as far as Kilifi and Meru as shown in the report. We also set up a Community Based Vision Centre in Keroka, Kisii County that can be considered the first of its kind in the country.

Going forward we wish in the coming year 2023 to set up a branch in Kisumu as well as start a second Vision Centre in Ogembo town, Kisii County.

We also plan to invite financial partners whom we share the same ideology of the eye care model to enable us to meet the increasing eye care needs in the region in a timely manner.

My personal gratitude will go to the strong team of dedicated, skillful team of clinical and non-clinical staff who made all these possible.

## **Dr. Daniel Kiage**

*Co-Founder/CEO/Medical Director*

*Innovation Eye Centre- Kisii Eye Hospital*

*Senior Consultant Ophthalmologist, Glaucoma Specialist*





# PROGRAMMES AND PROJECTS

## 1. Fred Hollows Foundation (FHF)

Kisii Eye Hospital continued with the Fred Hollows Foundation project that began in August 2021. This project gives support towards eliminating preventable blindness and visual impairment especially the marginalized, underserved and poor patients in the community. The Fred Hollows Foundation supports eye surgeries for patients in the lower socio-economic group.



*Dr. Dan Kiage (3<sup>rd</sup> from right) and Mrs. Jacqueline Kiage (Centre) and Mrs. Catherine Jakaiti (FHF program manager) with the Fred Hollows Foundation Kenya team.*

## 2. Operation Eyesight Universal (OEU)

With the aim of achieving universal eye health coverage, Kisii Eye Hospital with the partnership of Operation Eyesight Universal set up the first Vision Centre in Kenya now open at Keroka Town in Masaba Sub County, Kisii County. Operation Eyesight Universal has supported capacity training of Community Health Volunteers and equipment for the Vision Centre.

## 3. Keroka Vision Centre Grand Launch

The Keroka Vision Centre Grand Launch was held on Friday 22nd July 2022, in Keroka, Kisii - Kenya. The Chief Guest was Dr. Geoffrey Otumu (Director of Medical Services Kisii County) together with other distinguished guests Mr. Ernest Muibu Kiarie (Board Chairman of Operation Eyesight Universal Kenya), Mrs. Alice Mwangi (Country Director of Operation Eyesight Universal Kenya), Dr. Daniel Kiage (CEO/Medical Director of Innovation Eye Centre – Kisii Eye Hospital), and other government officials from Kisii & Nyamira county.

Keroka Vision Centre has been operationalized as a community-based vision centre and will run via a partnership between Innovation Eye Centre (IEC) – Kisii Eye Hospital & Operation Eyesight Universal (OEU).

We want to acknowledge Aravind Eye Hospital/LAICO, who provided IEC capacity building and technical support in setting up the vision centre, and the IEC team, including the community health volunteers (CHVs), for their efforts.



Guest of Honor Dr. Geoffrey Otumu 3<sup>rd</sup> from left) with other guests



Keroka Vision Centre



Keroka Vision Centre



Keroka Vision Centre



Guests at the Keroka Vision Centre



## 4. Community Based Screening - Door to Door Screening Programme Sponsored by Operation Eyesight Universal

The Community Based Door to Door screening project is a program sponsored by the Operation Eyesight Universal to support the newly established Keroka Vision Centre. In July 2022, six community health volunteers were trained at the base hospital-Kisii Eye Hospital on door-to-door screening.



*Training sessions*



*Screening activities at the field*



*Training sessions*



*Mrs. Eunice Wanjiru (Program Officer) and Mr. Patrick Wainaina (IT officer) during the review meeting in Sept 2022 with the Door-to-door screening CHVs team at Kisii Eye Hospital*



*Screening activities at the field*

## 5. Diabetic Retinopathy Screening Programme

Kisii Eye Hospital in partnership of Health, Kisii County commenced prevention program for Diabetic Retinopathy in 2022 at Gucha Sub County.



*Community Health Workers receiving kits for the Diabetic Retinopathy Screening program*



*A patient being Screened for DR*

## 6. Kellogg Eye Center (University Of Michigan)

Dr. Tim Soeken from The University of Michigan - Kellogg Eye Centre (USA) visited Kisii Eye Hospital in January 2022 as part of the exchange programme.



*Dr. Tim Soeken examining a patient*



*Dr. Soeken, Dr. Kiage, Dr. Ruhagaze with resident doctors*

### **GOOD GIFTS, UK**

Good Gifts changing lives, one gift at a time. The Poor Patients Fund is used especially for patients who walk into the hospital and cannot afford eye treatment. Giving the Gift of Sight One Person at a time.

## TRAINING, ELECTIVE AND INTERNSHIP PROGRAMME

### 1. The College of Ophthalmology of Eastern Central and Southern Africa (COECSA) Training Centre Accreditation Assessment

In February 2022, officials from The College of Ophthalmology of Eastern Central and Southern Africa - COECSA visited the hospital for assessment for accreditation as a training center.



*COECSA Team with Kisii Eye Hospital Staff and students during the assessment*



## 2. Rwanda International Institute of Ophthalmology (RIIO) Residency Training Programme

Rwanda International Institute of Ophthalmology in collaboration Kisii Eye Hospital began training of resident doctors in January 2022. Throughout the year 1<sup>st</sup> year residents undertook their elective term training at Kisii Eye Hospital.



*Prof. Dan Kiage and Dr. Patrick Ruhagaze (Sited) with Resident Doctors: (Dr. Vincent Mogubo, Dr. Clementine Uwimbabazi, Dr. Rebecca Lusaka and Dr. Olivier Owizey.)*

## 3. University Of Nairobi Elective Program

Kisii Eye Hospital continued our partnership with The University of Nairobi, Department of Ophthalmology Residency Programme in the year 2022; Dr. Nadia Mustafa (Mar-April), Dr. Terry Chege (May -Jun), Dr. Uba Abdulkadir Hemed (Aug-Sept) Dr. Muthoni Mwai (Nov- Dec)



*Dr. Terry Chege examining patients during outreach*



*Dr. Muthoni Mwai (Right) at Kisii Eye Hospital*



*Dr. Uba Abdulkadir Hemed examining a patient*



*Dr. Nadia Mustafa (UON) resident examining a patient*

## 4. University Of Nairobi (UON)

The Medical Director Dr. Dan Kiage was among the external examiners at the University of Nairobi Ophthalmology Residency Training.



*Dr. Dan Kiage with the Examining Team*



*Dr. Dan Kiage with the Ophthalmology Resident Students*

## 5. Glaucoma Specialty

Dr. Wanjiku Muthee, a Glaucoma specialist from Kikuyu Eye Hospital on a glaucoma skills improvement training at Kisii Eye Hospital for three months (May- Aug 2022).



*Dr. Elizabeth Wanjiku examining a patient*



*Dr. Elizabeth Wanjiku with Kisii Eye Doctors Team*

## 6. Kenya Medical Training Centre (KMTC) - Ophthalmic Nursing Programme

Our partnership with the Kenya Medical Training Center continued and throughout the year 2022. Four students did their Higher Diploma in Ophthalmic Nursing attachment at our hospital - Mrs. Anne Wambui and Mrs. Patricia Kanyi (Jan – Feb 2022) and Mr. Lameck Kirwa and Mrs. Ann Mwaturu (April -May 2022)



*Mrs. Anne Wambui (KMTC) taking VA*



*Mrs. Patricia Kanyi performing IOP on a patient*





*Mr. Lameck Kirwa performing Intra-ocular pressure*



*Mrs. Ann Mwaturu taking Visual Acuity*

## 7. Jomo Kenyatta University Of Agriculture And Technology (JKUAT) Internship

Ms. Faith Sure, a Bsc. Degree in Information Technology student did her two months (Feb-Mar 2022) internship at Kisii Eye Hospital.



*Ms. Faith Sure ( JKUAT) with Mr. Alexander Momanyi KEH IT officer*

## 8. Kisii University Internship Programme

Mr. Brian Odhiambo Omondi studying Bachelor of Economics and Statistics at Kisii University did his internship at Kisii Eye Hospital for three months(Jun-Aug 2022).



*Mrs. Pauline (Procurement officer Kisii Eye) and Mr. Omondi (Intern from Kisii University)*

## 9. Kisii Polytechnic Internship

Ms. Benadette Moraa Nyachuba pursuing Diploma in Information Communication and Technology did her three months (Oct -Dec2022) internship program at Kisii Eye Hospital.



*Ms. Benadette Moraa in the IT room*

## EYE EDUCATION, INFORMATION AND AWARENESS

### 1. World Glaucoma Week 2022

World Glaucoma Week at Kisii Eye Hospital was an opportunity to create awareness about glaucoma disease through our media platforms as well at the base hospital. Our medical Director Dr. Dan Kiage conducted a glaucoma health talk in the attached link. <https://www.facebook.com/events/503728771150483/>.



*Mr. Victor ophthalmic nurse creating awareness about glaucoma disease.*





*Kisii Eye Hospital Staff during Glaucoma Day*



*Kisii Eye Hospital Staff during Glaucoma Day*

## 2. World Optometry Day

Kisii Eye Hospital joined the world to commemorate the World Optometrist Day on 23<sup>rd</sup> March, 2022. We continue to create awareness about refractive errors, presbyopia, myopia, astigmatism and many more.





### 3. World Sight Day 2022 Celebration

In commemoration of the World Sight Day 2022, Kisii Eye Hospital with the partnership of Fred Hollows Foundation Kenya and Operation Eyesight Universal held a Community Outreach Eye Camp at Rigoma Health Centre at Rigoma village, Kitutu Masaba Constituency in Nyamira County through our community outreach programme. Many patients from the community benefited through glasses, medicine and also cataract surgery



*Kisii Eye Hospital staff during 2022 World Sight Day*



## 4. World Diabetes Day Celebration

Kisii Eye Hospital commemorated the World Diabetes Day on 14<sup>th</sup> November 2022. On this day, Kisii Eye Hospital together with the Kisii County Health Stakeholders conducted a walk in the parts of the Kisii town and offered free Diabetic Retinopathy screening services to the public. 178 patients were screened.



*Diabetes Walk in Kisii Town*



*Diabetic Retinopathy Screening*



# CONFERENCES AND MEETINGS

## 1. Continuous Medical Education On Eye Health For Kisii County Clinical Officers

Kisii Eye Hospital in May 2022 conducted a Continuous Medical Education training session for all clinical officers in Kisii County to create awareness and sensitize them about the various eye diseases . Eighty-one (81) clinical officers attended.



*Kisii County Clinical Officers during the CME*



*Dr. Daniel Kiage (Medical Director) and Dr. Patrick Ruhagaze Presenting during the CME Session*



*Mr. Cliff Oanda (cataract Surgeon/OCO)*



## 2. Ophthalmic Clinical Officers' Annual Conference

Ophthalmic Clinical Officer Mr. Cliff Oanda at the Ophthalmic Clinical Officers' Annual conference held in March 2022.

## 3. Ophthalmic Nurses Annual Conference

In this year's Ophthalmic Nurses Chapter annual conference, Mr. David Ogera (Head Nurse in Charge-KEH) was privileged to be one of the presenters on Prevention of Blindness in the conference.



OCO/Cataract Surgeon Mr. Cliff Oanda



Mr. David Ogera (Nurse in Charge) at the Ophthalmic Nurses Chapter Annual Conference.

## 4. Kenya Medical Association (KMA) Symposium and Annual General Meeting

Kisii Eye Hospital was a key participant in the 2022 Kenya Medical Association Symposium. Our Medical Director Dr. Daniel Kiage gave a talk on Diabetes and the Eye during the Kenya Medical Association-Kisii Division Symposium.



Dr. Daniel Kiage during the KMA Symposium



# VISITS TO KISII EYE HOSPITAL

## 1. A Visit from The University of Illinois Chicago, USA

In June 2022, Dr. Pete Selabut and Dr. Peter MacIntosh ophthalmologists from University of Illinois Chicago visited Kisii Eye Hospital.



*Dr. Pete Selabut (Left)-University Illinois, Dr. Daniel Kiage (Centre)-Medical Director Kisii Eye and Dr. Peter MacIntosh (Right)-University Illinois*

## 2. Dr. Hassan Kunle Visit

Dr. Hassan Kunle and Mr. Adekunle Kunle Hassan from Eye Foundation, Nigeria visited Kisii Eye Hospital in July 2022.



*Dr. Dan Kiage, Mrs. Jacqueline Kiage, Eng. Eliud Mogere, Dr. Kunle Hassan and Mr. Adekunle Hassan, Mr. Paul*



*Kiage at the Library (Photo 1) and at the New Hospital site*

## 3. FIAT LUX Foundation Visit to Kenya

Dr. Kiage was invited by the Fiat Lux Foundation and Hon. Wesley Korir former MP Cherangany constituency in May 2022 to a ground breaking ceremony on Fiat Lux Foundation's latest eye hospital project near Kitale, Kenya.

The Fiat Lux Foundation and Hon. Korir are long- time Friends and Partners of Innovation Eye Centre- Kisii Eye Hospital. Hon. Korir has been a long time Board of Directors Member (2013-2021).





## 4. Aravind Eye Care Systems Vision Centre Project Visit

Dr. Kowsalya (Neuro-Ophthalmologist), Ms. Shunmugam, (Vision Centre technician), and Madam Sashi (Senior Faculty) from Aravind Eye Care System Hospital visited Kisii Eye Hospital in the month of October 2022 for a follow up and review activities at the newly established Vision Centre at Keroka.



*Orientation at the Base Hospital*



*Visit to the Community Health Volunteers at the field*



*Visit to Keroka Vision Centre*



*Visit at Rigoma Camp during WorlD Sight Day 2022 celebrations*





*Interactive meeting in Kisii with City Eye Hospital and Kisii Eye Hospital staff about Vision Centre Set up*



*Madam Sashi with Kisii Eye Hospital Senior Leadership Team*

## 5. Visit by Dr. Feyidamilola Hassan, Oyewumi Eye Foundation Hospital, Nigeria

Dr. Feyidamilola Hassan-Oyewumi from Eye Foundation – Nigeria spent 2 weeks in Kisii Eye Hospital from 2<sup>nd</sup> September to 15<sup>th</sup> September to observe and prepare for the COECSA Fellowship Exam which took place in Blantyre Malawi.

Dr. Feyidamilola Hassan- Oyewumi is in charge of the Vision Centre Programme a Social Initiative of the Eye Foundation Community Hospital. She is a member of The Royal College of Surgeons Edinburgh (Ophthalmology).



*Dr. Feyidamilola Hassan-Oyewumi with Dr. Patrick at Kisii Eye Hospital*





## 6. Operation Eyesight Universal Visit

Mr. Yashwant Sinha (Senior Manager, International Programs) and Mrs. Alice Mwangi (Country Director) from Operation Eyesight Universal visited Kisii Eye Hospital in the month of November 2022 to review the Keroka Vision Centre implementation programme.



*Dr. Dan Kiage, Mrs. Jacqueline Kiage, Mrs. Alice Mwangi and Mr. Yashwant Sinha at Kisii Eye Hospital*



## 7. Governor Simba Arati Visit to Kisii Eye Hospital

Hon. Simba Arati, Governor Kisii County Governor paid a visit to Kisii Eye Hospital on Sunday December 18<sup>th</sup> 2022.



*Governor. Simba Arati at Dr. Dan Kiage's Office*



*Governor Simba Arati at Kisii Eye Hospital*

## 8. Bench-Marking Visit

Clinicians and Nurses from Busia, Siaya and Taita Taveta Counties through the sponsorship of the Fred Hollows Foundation Kenya visited Kisii Eye Hospital for a three day benchmarking exercise in November 2022.



*Dr. Dan Kiage with the Busia, Siaya and Taita Taveta team for benchmarking*

## 9. ESSILOR East Africa Visit

Mr. Fredrec Narassigun (General Manager) , Mr. Prosenjit Chatterjee Head of Commercial of Essilor East Africa and Ms. Evah Mwangi (Lens and Instrument Consultant), visited Kisii Eye Hospital for a business development meeting in November 2022.



*From Right- Mrs. Jacqueline Kiage (KEH), Mrs. Pauline (KEH), Mrs. Christine (KEH), Mrs. Lynn (KEH), Mr. Prosenjit (Essilor), Ms. Evah (Essilor), Mr. Fredrec (Essilor) at Kisii Eye Hospital*

# INTERNATIONAL VISIT BY OUR STAFF

## 1. Visit by Dr. Kiage to The University of Michigan, USA



## 2. Visit to Harvard University – Boston - USA



*Dr. David Friedman and Dr Dan Kiage at Harvard University. Dr. Kiage visited Professor of Ophthalmology Dr. David Friedman at Harvard Medical School, Glaucoma Center of Excellence.*

## 3. Visit to The American Academy of Ophthalmology 2022 in Chicago, USA



*Dr. Kiage Giving a talk to Ophthalmology Residents at Kellogg Eye Center.*



#### 4. Visit by Kisii Eye Hospital Team to Eye Foundation Hospital Nigeria



*Dr. Kiage with various important personalities during the American Academy of Ophthalmology 2022 in Chicago.*

# AWARDS AND RECOGNITION

## 2022 XOVA Global Awards Excellence In Ophthalmology Vision Award

Innovation Eye Centre was awarded the 2022 XOVA Global Awards for Excellence in Ophthalmology Vision Award by Novartis Global. The award will assist in expanding eye care access in Southwestern Kenya through Community Based Vision Centres. Ogembo town in Kisii County has been identified as the next location for the Vision Centre.



**Novartis Ophthalmology**  
Reimagining the treatment and prevention of visual impairment and blindness

**Congratulations XOVA Winners 2022**

This year, a total of 73 applications from 33 countries were submitted to the eXcellence in Ophthalmology Vision Award (XOVA). An independent panel of ophthalmology and optometry experts selected the 6 projects that aligned best with XOVA's mission to have a significant impact in unmet needs. In total, Novartis will award the winning initiatives with a combined grant worth €267,000, projected to benefit up to 600,000 people.

**Novartis congratulates this year's winning projects:**

- Expanding eyecare access in Southwestern Kenya through community-based vision centers. Dr Olivia Kilelen on behalf of the Innovation Eye Centre, Kenya
- Integrated people-centered eyecare for the indigenous people of Benguet, Philippines. Dr Maria Victoria Rondaris on behalf of the Fred Hollows Foundation, Australia
- Reducing childhood blindness by improving access to community ophthalmology for low-income families in Burundi, Africa. Prof. Lévi Kandeke on behalf of Centre Tertiaire des Soins Oculaires de l'Enfant (CTSOE), Burundi
- Beyond the COVID-19 pandemic: eliminating rural avoidable blindness in western Uttar Pradesh, India. Dr Pradeep Agarwal on behalf of the CL Gupta Eye Institute, India
- Enhancing community eyecare and creating eyecare demand among ethnic minority groups in Lai Chau Province, Vietnam. Ngoc Pham on behalf of Orbis International, Inc.
- Development of a web platform for screening and referral of Retinopathy of Prematurity. Prof. Songtau Yuan on behalf of the First Affiliated Hospital of Nanjing Medical University, China

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## The Fred Hollows Foundation - Best Innovative Eye Hospital Award 2022

The Fred Hollows Foundation Best Innovative Eye Hospital Award 2022 was awarded to Innovation Eye Centre in recognition of innovative approaches to community based eye care interventions.



*Prof. Dan Kiage (second from left) receiving the award from Mr. Calmichael Nduri of FHF In the picture is Bessy [FHF] and Geoffrey [KEH]*

## Ophthalmic Clinical Officers' Annual Conference-Best Presenter Award 2022

Dr. Dan Kiage, our medical director, was present to receive the award at the Ophthalmic Clinical Officers' Annual conference in March 2022.



*Dr. Dan Kiage receiving the award.*



## NEW ASSIGNMENTS AND NEW OPPORTUNITIES

We wish to thank Mr. Cliff Oanda – OCO/CS for the service he rendered at Kisii Eye Hospital as he joins Kenyatta National Hospital to carry on with the mission of providing eye care services to the community.

We also thank Paul Kiage who worked with us as a Project Officer for 2 years after his graduation in Engineering. Wishing you success as you pursue new opportunities.

We thank Ruby Kiage a Medical student for taking time to volunteer at the hospital during her holiday break.



*OCO Cliff with OCO Mr. Makamara*



*Paul with Ruby*

## KISII EYE HOSPITAL HAND OF COMPASSION

### Dennis Omae

Dennis Omae 29 years old who is blind both eyes returned home happy after Kisii Eye Hospital staff surprised him with food supplies, clothing and clutches. Compassion to the underprivileged in the society as outlined in our core values is one of the important things we do.



*Kisii Eye Hospital Staff with Dennis Omae*



*Kisii Eye Hospital Staff with Dennis Omae*



*Kisii Eye Hospital Staff with Dennis Omae*



*Kisii Eye Hospital Staff with Dennis Omae*

## Kisii Eye Hospital Together With Kisii County Lions Club Gifts Mrs. Truscillah

Kisii Lions Club together with Kisii Eye Hospital delighted Mrs. Truscillah Kerubo 65 years old woman from Egetuki camp who is disabled. She cannot walk since her left leg is disabled. She was gifted a wheel chair by the Kisii Lions Club. Kisii Eye Hospital gifted her with crutches and food stuff. Mrs. Truscillah who was accompanied by her granddaughter was very happy and thankful to the restoration of her sight and also the gifts she received.



*Mrs. Truscillah Kerubo at Egetuki Camp*



*Mrs. Truscillah Kerubo being ferried to Kisii Eye*



*Mrs. Truscillah Kerubo at biometry room for cataract surgery*



*Dr. Dan Kiage (Medical Director Kisii eye), Mrs. Jacqueline Kiage (Chief Operations Officer Kisii Eye) and Mrs. Roselyn-(Kisii Lions Club President) with Mrs. Truscillah Kerubo with crutches*



## CASE STUDY-ENOCK MOGAKA

Thirty-Eight (38) years old Enock Mogaka, ails from Keroka township, Kitutu Masaba Constituency, Nyamira County. Married with three (3) children and the breadwinner of the family, Mogaka is a matatu driver working with Transline Classic Shuttle.

Mogaka was put on temporary leave in January 2022 because he was gradually losing vision in both eyes. This left the family in a financial crisis since he would no longer provide for his family.

Mogaka came to know of the newly opened Vision Centre at Keroka from a friend and he immediately visited our Keroka Vision Centre for medical attention and advice. He was diagnosed with bilateral cataract and he was referred to Kisii eye Hospital for cataract surgery.

He visited the base hospital on 23<sup>rd</sup> Aug 2022. Mogaka underwent a successful cataract surgery left eye on the 30<sup>th</sup> Aug 2022 and right eye on 06<sup>th</sup> Sep 2022.

Mogaka had lost hope of seeing again not knowing that one day he could get treatment to restore his sight back. He has now regained his sight and can longer hide his joy. He has promised to be an ambassador of the good news to his community. He has already resumed his work and grateful to the Kisii Eye Hospital for the restoration of his sight.

Kisii Eye Hospital thanks Operation Eyesight Universal for the great partnership to start up the vision centre whereby people like Enock Mogaka and many more would get eye care services.





*Mogaka after cataract surgery LE and RE*



*Mogaka at day 1 post op left eye*



*Mogaka after resuming his work*



*Mogaka after resuming his work*

## BOARD OF DIRECTORS AND ADVISORS 2022

1. Dr. Atei Kerochi MD, MPH – Chairman. Programme Management. M&E Specialist
2. Dr. Daniel Kiage – Co- Founder/ CEO/Director Innovation Eye Centre. Consultant Ophthalmologist & Glaucoma Specialist
3. Jacqueline Kiage (Mrs.) – Co- Founder/ COO/ Director Innovation Eye Centre. MBA Social/Impact Entrepreneurship & Sustainability
4. Dr. Millicent Kariuki – Consultant Ophthalmologist. Senior Lecturer Department of Ophthalmology University of Nairobi
5. Dr. Mary Asiyó – Consultant Ophthalmologist. Conservative Retinologist, Luebeck, Germany
6. Eng. Eluid Mogere BEng; MBA (Finance) - Director Masosa Construction
7. Mr. Shadrack Kioko- Managing Partner Kioko & Associates. Financial Consultant
8. Ms. Hellen Macharia – Representative Azali Certified Public Secretaries

We Thank the Board of Directors and Advisors for another year of service. The corporate governance leadership from our Board of Directors and Advisors has been invaluable in terms of guidance and bringing new perspectives to the institution especially during the Covid- 19 pandemic times and post Covid times. Your expertise has been instrumental in guiding the business through its early stage and growth stage of the business. You have been dedicated to the mission of eliminating preventable blindness. We especially recognize and thank the Board Chairman Dr. Atei Keroche and Dr. Mary Asiyó –Vogel who have been with us and will be working with us in a different capacity other than been board members going forward- our sincerest thanks to you.

We look forward to a fruitful year 2023 as we walk this journey together. THANK YOU.

# PERFORMANCE HIGHLIGHTS

## Eye Care Services: Year 2013-2022

NO	PARTICULARS	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Total
1	Total Numbers Of Patients Treated	6,469	14,540	14,838	21,153	24,320	29,777	31,914	12,306	16,790	16,768	<b>188,875</b>
2	Hospital Based/Walk In Patients Visit	2,265	7,834	7,218	10,492	13,945	19,498	20,017	12,105	14,436	14,771	<b>108,145</b>
3	Keroka Vision Centre Patient Visits	-	-	-	-	-	-	-	-	-	744	<b>744</b>
3	Community Outreach Patients Visit	4,204	6,706	7,620	10,661	10,375	10,279	11,897	201	1,457	5,348	<b>68,748</b>
4	Community Outreach Eye Mobile Camps	27	78	65	59	67	76	49	2	13	36	<b>472</b>
5	Community Referral System	-	-	-	-	-	-	-	-	897	132	<b>1,029</b>
6	Total Number Of Cataract Surgeries	404	695	1,003	1,527	1,672	2,356	2,224	764	1,332	2,065	<b>12,710</b>
7	Total Numbers Of Other Surgeries	34	201	274	336	512	637	742	651	611	672	<b>4,059</b>
8	Total Numbers Of Refractions	-	3,459	3,288	4,609	3,753	6,177	6,270	3,669	4,374	5,306	<b>36,531</b>
9	Glasses Dispensed	863	2,274	2,340	3,710	2,666	4,151	3,789	2,493	2,895	3,550	<b>25,836</b>

## Area-Wise OPD Walk-In Year 2022

AREA/TOWN	NEW	REVIEW	TOTAL	PERCENTAGE
KISII	5,414	3,829	9,243	57.68
NYAMIRA	1,822	1,236	3,058	19.07
HOMABAY	488	368	856	5.34
NAROK	507	161	668	4.17
NAKURU	459	134	593	3.7
KERICHO	415	141	556	3.47
MIGORI	299	218	517	3.23
KISUMU	62	72	134	0.84
NAIROBI	71	34	105	0.66
ELDORET	21	31	52	0.32
SIAYA	25	20	45	0.28
KILGORIS	21	20	41	0.26
KAKAMEGA	13	15	28	0.17
BUSIA	8	13	21	0.13
MERU	6	13	19	0.12
MOMBASA	11	6	17	0.11
BUNGOMA	8	8	16	0.1

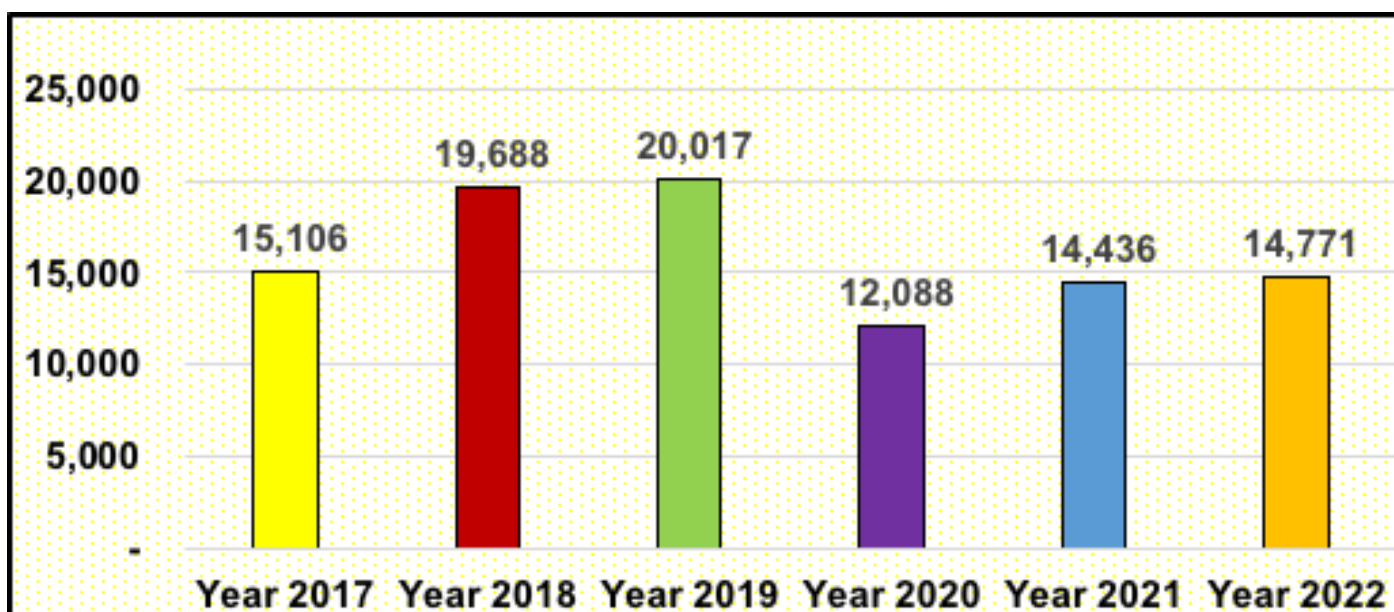


AREA/TOWN	NEW	REVIEW	TOTAL	PERCENTAGE
UASIN GISHU	10	5	15	0.09
NANDI	9	2	11	0.07
MACHAKOS	7	3	10	0.06
VIHIGA	5	5	10	0.06
TANZANIA	2	2	4	0.02
BARINGO	2	0	2	0.01
OTHERS	1	1	2	0.01
KILIFI	1	0	1	0.01
<b>TOTAL</b>	<b>9,687</b>	<b>6,337</b>	<b>16,024</b>	<b>100</b>

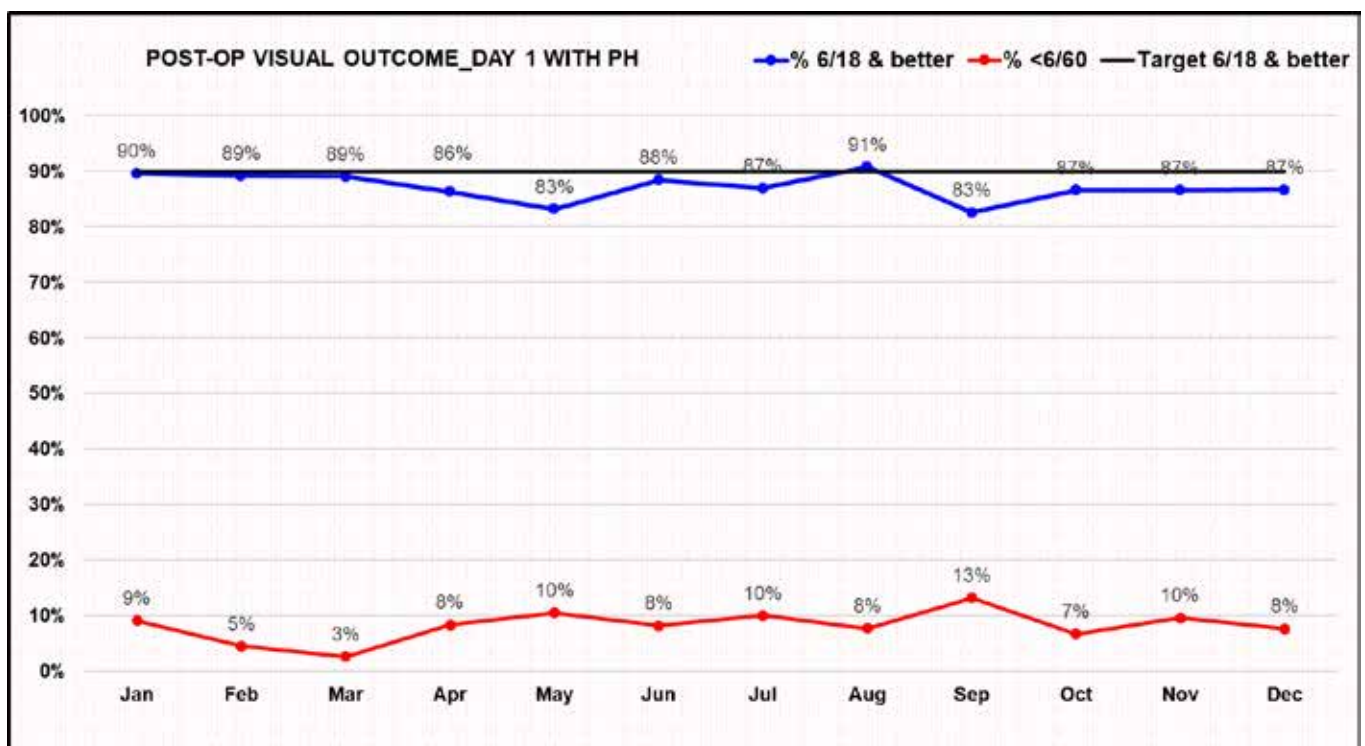
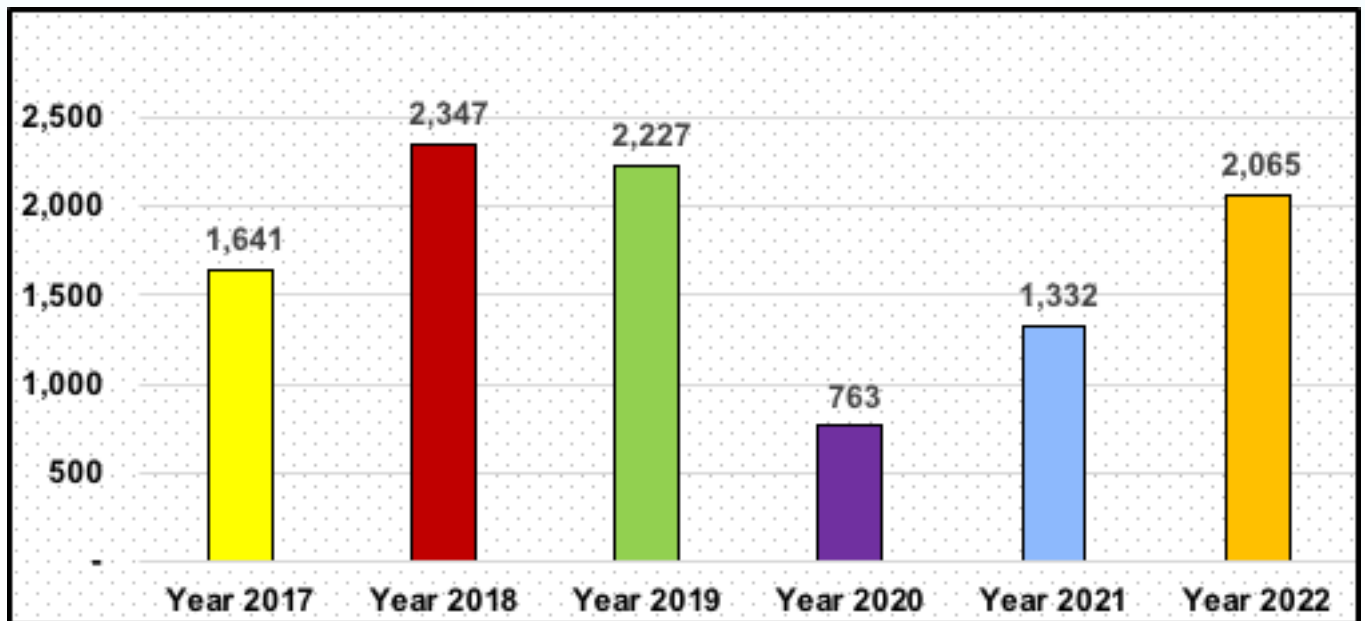
## Comparison of Paying, Subsidy and Camp Cataract Surgeries Year 2013 -2022

YEAR	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Total
Private Cataract	125	241	197	176	178	205	136	508	915	1,077	<b>3,858</b>
Subsidy Cataract	-	160	173	272	406	785	874	243	-	-	<b>2,913</b>
Camp Cataract	276	294	633	1,079	1,088	1,366	1,221	13	417	988	<b>7,375</b>
Total Cataract Surgeries	404	695	1,003	1,527	1,641	2,347	2,227	763	1,332	2,065	<b>14,137</b>
Percentage of Outreach Cataract Surgeries	69%	42%	63%	70%	65%	58%	55%	1.70%	31%	48%	<b>48%</b>
% Hospital Cataract Surgeries	31%	58%	37%	30%	35%	42%	45%	98.3%	69%	52%	52%

## OPD Walk In



## CATARACT SURGERIES



The overall cataract surgery outcome quality success rate is 87% above the recommended WHO rate of 80%.



# COLLABORATING PARTNERS

Partners	Programme /Service
Fiat Lux Foundation, USA	Support for Ophthalmology Residency Student Training - RIIO 2022
University of Nairobi Department of Ophthalmology	Training Elective Term Programme for Residency Doctors Kenya
Kenya Medical Training Center, Nairobi	Training and clinical placement for ophthalmic nurses
Dana Centre for Preventive Ophthalmology, Johns Hopkins University, USA	ACCESS Program -Hilton Foundation ACCESS Program - Clinical Quality Assurance, Cataract Surgery Quality Assurance
LAICO/Aravind Eye Care System ACCESS Program -Hilton Foundation	ACCESS Program - Clinical Quality Assurance, Cataract Surgery Quality Assurance, capacity building and non -clinical systems and process
Kisii County Lions	Community Service
Good Gifts, UK	Poor Patients Fund
The University of Michigan - Ross School of Business + Kellogg Eye Centre	Education, Research, and Business Development,
Fred Hollows Foundation, Australia	Community Outreach Cataract Surgery
Rwanda International Institute of Ophthalmology (RIIO)	Residency Doctors Ophthalmology Training Programme
Himalayan Cataract Program (HCP)	Global Cataract Surgery Quality Program
Right to Sight, Norway	Diabetes and Diabetic Retinopathy Screening Programme
Eye Foundation, Nigeria	Collaborative Partnership
Operation EyeSight Universal	Community Based Vision Centre Set up

# KISII EYE HOSPITAL

## Our Contacts

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