ANNUAL ACTIVITY REPORT 2018

5th Report

Innovation Eye Centre

Improving Lives through Affordable Quality Eye Care

Macho Bora . Maisha Bora

KISII EYE HOSPITAL

A Fiat Lux Foundation Vision Centre

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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

Our Business Model for Service and Social Transformation:

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

Cross Subsidization Revenue Regeneration Model:

The cross-subsidization model ensures that services are available at normal rates to the people who can afford and substantially below cost to the most vulnerable and low income members of our society. This is done through our Private Clinic, General Clinic and Community Outreach Eye Camps. We are engaged in community outreach programs to ensure we can avail eye care services to the underserved communities in the society.

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 29th 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"

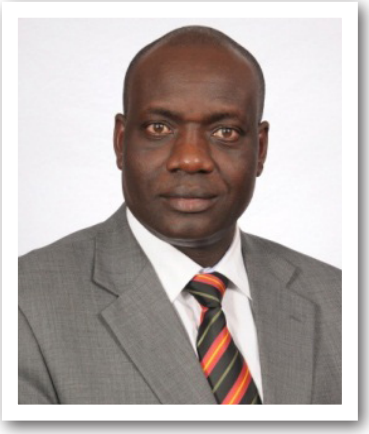
Our Core Values

Patient Centered, Quality, Compassion, Ethics, Innovation

Our purpose is to deliver First Class Comprehensive Eye Care Services to All in order to

"Improve Lives through Affordable Quality Eye Care"

Medical Director's Report 2018



The year 2018 was full of activities in Innovation Eye Centre and a lot of milestones were achieved. Most important is a marked increase in the number of the people we served in our hospital. In our outpatient department we saw 29,777 patients up from 24,320 in the previous year. We performed 2993 total eye surgeries up from 2184 in the previous year. We also dispensed 4151 spectacles up from 2666 the previous year. We measure the quality of our work through cataract surgery outcomes in which we have surpassed the WHO recommendation and recorded an average of 86% of the outcomes being 6/18 or better on the first post-operative day with pinhole.

After a rigorous inspection by the Kenya Medical Practitioners and Dentist Board [KMPDB] we were accredited as a Registrars' Training Centre. This enables newly qualified ophthalmologists to gain Specialty Recognition after working here for two years. In this year we also became full members of the prestigious World Association of Eye Hospitals [WAEH]. This enables us to associate, learn and share ideas with the top eye hospitals globally.

In year 2018 we also started a unique Long Term Comprehensive Ophthalmology Fellowship. This fellowship attracts newly or recently qualified ophthalmologists and is done in collaboration with the famous Aravind Eye Hospitals in India. It enables the candidates to first of all be proficient in Small Incision Cataract Surgery [SICS] and phacoemulsification and on top gain adequate hands-on skills in management of other diseases like glaucoma, cornea, pediatric ophthalmology and others.

We are proud this year to have gain partnership with the Kellogg Eye Hospital in the University of Michigan. This is planned to accelerate our growth in Education and training, research and business development.

As we continue to cause impact in the community by availing quality eye care in the rural community in which we serve, we wish to thank our staff, our business and development partners and our board for making it happen.

Asante Sana

Dr. Dan Kiage
CEO/Medical Director

Projects and Programmes

ACCESS [African Centre of Excellence in Cataract Surgical Services] Project – Phase II Year 2

Consultancy Site visits and review meetings for the Cataract Surgeries Services projects were made by LAICO- Aravind and Dana Centre for Preventive Ophthalmology, Johns Hopkins University. Innovation Eye Centre is part of the five hospitals in sub Saharan Africa participating in the project with the aim of increasing access to cataract surgery. The ACCESS Project focuses on quality, efficiency and reaching the poor.

Comprehensive Ophthalmology Fellowship Training Programme

This is a 2 year hands-on guided training for newly of recently qualified ophthalmologists in Africa. The overall objective of the programme is to enable ophthalmologists be skilled and confident in management of common eye diseases as well as work in an efficiently run eye care centre either as a leader or part of a team.

The programme entails exposure to hand-on training in a busy outpatient eye care department, guided hands-on surgical exposure, exposure to outreach screening, use modern diagnostic equipment as well as mentorship.

Dr. Leopold Niyonsavye is the first Fellow to join the Comprehensive ophthalmology Fellow who is currently doing a 3 month training exposure at Aravind Eye Hospital in Madruai, India.

Dr. Leopold Niyonsavye

Small Incision Cataract Surgery SICS Skills Improvement Program

This is a short term training programme that seeks to improve cataract surgery skills. The programme trains ophthalmologists, Resident ophthalmology students on elective term from the university of Nairobi and Cataract Surgeons on elective term from Kenya medical Training College, Nairobi.

Innovation Eye Centre is most grateful to Right to Sight- Norway for supporting the SICS Training Programme as well as enabling a number of cataract operations for the disadvantaged patients who would not otherwise have been able to afford the cataract surgery.

Dr. Aida Sraj from Ethiopia is one the participants of this program

University of Nairobi Elective Term Program

Dr. Albino Nyibong during elective term at Kisii Eye Hospital

Kenya Medical Training College Ophthalmic Clinical Officers/Cataract Surgeons Elective Term Program

Ophthalmic Clinical Officer/Cataract Surgeon Ms. Grace Soti Ophthalmic Clinical Officer on Elective Term

Community Outreach Eye Care Programs

Kisii Eye Hospital has a very active community outreach programme which provides essential eye care services in the underserved and hard to reach areas to ensure thus contributing to preventing avoidable blindness and visual impairment at the community level. In 2018 we screened 10,279 people and performed 1366 cataract surgeries.

Community Based Health Volunteers Program

20 Community Health Workers were trained in April 2018 on basic eye care health so that they can assist with referrals of patients with eye problems in the community to the base hospital as well as help with organization and facilitation of community outreach eye camps.

The trained community health workers assisted during eye camps in Marani Subcounty hospitals, Masimba Sub County hospital, Iyabe Sub County hospital and Nduru Sub County hospitals. About 200 patients have benefited from cataract surgery through the community health workers program.

Community Health Volunteers / Vision Ambassadors at Masimba Sub County Hospital

Jain Social Group and Kisumu Lions Club Eye Camp

The eye camp was held at Kisii primary school. 836 people were screened and 117 cataracts advised.

Dr. Kiage examining patients at the camp site

Dr. Patrick with some of patients after cataract surgery

Beyond Zero Medical Safari

The Beyond Zero Medical Safari was held in Kisumu on 21st-22nd November and launched by The First Lady H.E. Margaret Kenyatta. She was accompanied by the First Lady, Republic of Mozambique H.E. Isaura Nyusi as well as the Governor of Kisumu County H.E. Anyang Nyongo.

810 people were screened and 54 cataracts advised with 450 eye glasses dispensed by Vision Spring.

Left to Right in front H.E. Anyang Nyong'o, First Lady Margaret Kenyatta, First Lady Isaura Nyusi [Mozambique] Jacqueline Kiage [Innovation Eye Centre]

Performance Highlights: Eye Care Services: Year 2013-2018

NO	PARTICULARS	2013	2014	2015	2016	2017	2018	Total
1	Total Numbers Of Patients Treated	6,469	14,540	14,838	21,153	24,320	29,777	**111,097**
2	Hospital Based/Walk In Patients Visit	2,265	7,834	7,218	10,492	13,945	19,498	**61,252**
3	Community Outreach Patients Visit	4,204	6,706	7,620	10,661	10,375	10,279	**49,845**
4	Community Outreach Eye Mobile Camp	27	78	65	59	67	76	**372**
5	Total Number Of Cataract Surgeries	404	695	1,003	1,527	1672	2356	**7,657**
6	Total Numbers Of Other Surgeries	34	201	274	336	512	637	**1,994**
7	Total Numbers Of Refractions	-	3,459	3,288	4,609	3753	6177	**21,286**
8	Glasses Dispensed	863	2,274	2,340	3,710	2666	4151	**16,004**

Comparison of Paying, Subsidy and Camp Cataract Surgeries Year 2013 -2018

	2013	2014	2015	2016	2017	2018	Total
Private Cataract	125	241	197	176	178	205	**1122**
Subsidy Cataract	-	160	173	272	406	785	**1796**
Camp Cataract	276	294	633	1079	1088	1366	**4736**
Total Cataract Surgeries	404	695	1003	1527	1672	2356	**7657**
Percentage Of Outreach Cataract Surgeries	69%	42%	63%	70%	65%	58%	**62%**
% Hospital Cataract Surgeries	31%	58%	37%	30%	35%	42%	**38%**

Collaborating Partners and Programmes 2018

	PARTNERS	PROGRAMMES
2.	Right to Sight, Norway	Cataract Surgery Skills Improvement Programme
3.	Fiat Lux Foundation, USA	Mentorship
4.	University Of Nairobi	Department of Ophthalmology, Elective Term Programme for Residency Doctors
5.	Dana Centre for Preventive Ophthalmology, Johns Hopkins University, USA	ACCESS Programme - Clinical Quality Assurance, Cataract Surgery Quality Assurance
6.	LAICO/Aravind Eye Care System/ Aravind Eye Hospital, India	ACCESS Programme - Hospital Management Systems - Clinical and Non Clinical Hospital Process and Systems Development
8.	Vision Spring, USA	Low Cost Spectacles

	PARTNERS	PROGRAMMES
9.	Local Community Sponsors: • Jain Social Group • Kisumu Lions Club	Support for Local community Eye Screening Camp- Kisii Primary School Eye Camp
10.	Kisii County Lions Club	Eye Health Awareness Creation – World Diabetes Day 2018
11.	Good Gifts	Poor Patients fund
12	University of Michigan	Education, Research and Business Development

Thank you everyone for your support.

Our Contacts

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