



OPHTHALMOLOGICAL  
SOCIETY OF NIGERIA

# OSN NEWSLETTER

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AN OSN

PUBLICATION

## DR. B.G.K. AJAYI CELEBRATED AT 70!

Dr. B.G.K. Ajayi, an icon of Ophthalmology in Nigeria and past President of the Ophthalmological Society of Nigeria, clocked 70 years on the 25th of July, 2018. This platinum jubilee was celebrated in a grand way on the same day at a public lecture organized in his honour by the Ophthalmology Department College of Medicine, University of Ibadan (U.I.), the University College Hospital (UCH) Ibadan and the Eleta Group of Catholic Eye Hospitals. The event took place at the Paul Hendrickse Lecture theatre, University College Hospital, Ibadan. The occasion was also part of the program of activities lined up to celebrate the 70th anniversary of the Ibadan Medical school.

The chairperson of the occasion was Professor Oyinade Olurin, a doyen of Ophthalmology in Nigeria. The lecture titled: "Averting the Approaching Gales" was eruditely delivered by Professor Olusola Adeyeye, a currently serving Senator of the Federal Republic of Nigeria.

The wife of the Oyo State Governor, Chief (Mrs) Florence Ajimobi was represented by Mrs Rose Oyedele, the Special Adviser to the Governor on Due Process.

The Vice Chancellor of the University of Ibadan and the Provost of the College of Medicine were both represented by Prof. O. Deloye, the Deputy Provost of the College of Medicine.

The Chief Medical Director of UCH was represented by Dr. Victor

Akinmoladun, the CMAC of the hospital.

Other eminent guests at the occasion included HRM Oba Muraina Adebajo Adedini, the Asoya of Isoya in Ile Ife kingdom who was the representative of the Ooni of Ife, HRM Oba Adeyeye Enitan Ogunwusi; Emeritus Archbishop Alaba Job of the Catholic Archdiocese of Ibadan; Prof. Ojengbede and Prof. Omigbodun, former Provosts of the College of Medicine; Prof. Jide Ajayi, former CMD of UCH; and Prof. Gbemi Oke, former Deputy Vice Chancellor, University of Ibadan. In all, over 400 guests were present at the event.

During the occasion an Endowment fund of College of Medicine University of Ibadan/ University College Hospital/Eleta Eye Institute Anniversary Foundation was launched.

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# DR. B.G.K. AJAYI CELEBRATED AT 70!

## - Pictures



Senator (Prof.) Adeyeye delivering his lecture at the event



L-R: Senator Adeyeye, Prof. Olurin, Dr. Ajayi (Celebrant) & his wife, and Prof. Denloye (Deputy Provost).



A cross-section of the audience at the event



Prof Oke presenting a gift to the celebrant on behalf of the College of Medicine, University of Ibadan.



The celebrant with some OSN members at the event



The celebrant with his wife and children cutting the cake



## 19TH ANNUAL FACULTY LECTURE HELD IN OWERRI

The Annual Scientific Conference and All Fellows Meeting (ASCAF) of the National Postgraduate Medical College of Nigeria took place in Owerri, Imo state from 13th to 18th August, 2018. The 19th Faculty of Ophthalmology Lecture and Endowment fund took place on Friday, 17th August 2018 at the auditorium of the Imo State University. The Lecture Titled “ Glaucoma: Challenges of Early Diagnosis and Progression to Blindness” was delivered by Dr Florence U. Nkwogu. The significant role played by the Local organizing committee led by Dr Fidelis Ayika is well appreciated.

In attendance was the Minister of State for Education, Chief Anthony Onwuka. Prof Theodore Okeahialam of Paediatric Department, Imo State University Teaching Hospital was the

Chairman of the occasion. Several other dignitaries were present including the Foundation Fellow and Past Chairman of the Faculty, Dr BGK Ajayi, the Faculty Chairman Prof. Adeola Onakoya, and other Faculty board members, Fellows, Colleagues, Friends and Family members of the Lecturer including her Husband, Prof. Uche O. Nkwogu (an Architect)

During the program, certificates of award were presented to the winners of the annual Olabopo Osuntokun Quiz competition which took place on Thursday 16th August at the Federal Medical Center, Owerri. A total of 24 residents from 13 centres contested in the competition.

The winners were Dr. Hughes Sowunmi Joachim - 1st posi-

tion; Dr. Ogwuegbu Chinonso Jude - 2nd position; and Dr. Salimonu Asifa Abiola - 3rd position. The Faculty of Ophthalmology events were colourful, with abundance of food and drinks provided.

Faculty of Ophthalmology All Fellows Meeting and Election of Faculty Board members for 2018-2020 tenure were held at the “New Concord Hotel.” The Board members present who had served only one term of office were unanimously re-elected unopposed with Prof. Adeola Onakoya and Dr Dupe Ademola-Popoola as the Chairman and Secretary respectively. Election was conducted to fill up the other positions. Prof Charles Bekibebe was elected the 3rd Senate member, Dr Haroun Ajibode having completed 2 terms.



## MORE SIGHTS FROM ACSAF, OVERRI





# NEWS FROM OSN ZONES AND CHAPTERS

## **SOUTH SOUTH ZONAL REPORT**

### ANNUAL REPORT OF OSN DELTA STATE CHAPTER (2017/2018)

After a successful conference at Kaduna in 2017, OSN Delta was positioned to increase visibility in Delta State. A free eye screening and cataract surgical outreach in three local government areas of the state- Isoko North, Isoko South and Ndokwa West were part of activities to commemorate the 2017 world sight day. Activities culminated with an opening ceremony at Ellu town which had the Commissioner of Health, Permanent Secretary, traditional rulers, local government chairmen and politicians. Over three hundred (300) people were screened and 60 free eye surgeries done. There was a colorful cultural display by Ellu dance troupe and an interactive session where a lot of myths were corrected and harmful local practices were discouraged.



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# NEWS FROM OSN ZONES AND CHAPTERS

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In December 2017, a new executive board was elected led by Dr Emifoniye E. as the Chairman, Dr Akpe B. as Secretary, Dr Akinyemi A. as Treasurer, Dr Patrick-Ferife G. as Ex-officio 1 and Dr Abadom E. as Ex-officio 2. The outgoing Executives led by Dr Patrick-Ferife G. appreciated members by the distribution of hampers in the spirit of the yuletide season.

World glaucoma week 2018 was marked with a free glaucoma screening exercise at an ever busy motor park at Agbor, a commercial hub and hometown of the governor of Delta state, Sen. Dr. Ifeanyi Okowa. There was a highly interactive session with commuters and drivers. It also featured renditions of songs composed by some local artist to promote glaucoma awareness. There were TV and radio campaigns as well as a public lecture and free glaucoma screening at the palace of the Ovie (king) of Ughelli kingdom.



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# NEWS FROM OSN ZONES AND CHAPTERS

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The OSN Delta was present at the Delta State house of assembly public hearing on a bill to regulate private practice of health facilities in the state . OSN canvassed for the implementation of proper nomenclature of eye care facilities to reflect professional competence such as optical workshop for dispensing opticians, optometry clinic for optometrist and ophthalmology clinics for ophthalmologist in line with global practice.



The OSN DELTA in taking up her leadership role in eye care and advocating to government for upgrading of the current visual rehabilitative services in the state, has been meeting with several stakeholders such as the commissioner for education and special duties. We also had a meeting with the state chairman of the association for the blind Delta state, Mr. Johnson Akpokiniowo who is a lecturer with the State College of Education, Warri.

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# NEWS FROM OSN ZONES AND CHAPTERS

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## ANNUAL REPORT OF OSN EDO STATE CHAPTER (2017/2018)

### Quarterly activities

1. Eye Screening (700) and cataract surgeries (40) done in partnership with Latter Days Saints Charities and Department of Ophthalmology in July 2017
2. Celebrated the World sight day 2017 with screening of management and staff of UBTH and public enlightenment programmes on Television and Radio in October 2017.
3. Organized a Continuous Professional Development Seminar (5CPD units) on 7th Feb. 2017. Theme was Opportunities in Ophthalmic Practice, facilitators included senior ophthalmologists and MOH official.
4. Celebration of World Glaucoma week in Benin City in March 2018, with a Public Enlightenment Lecture given by Prof. C.U Ukponmwan at Doctors' House, Benin City; eye screening of about 250 persons; launched the first ever Glaucoma Patient Club, UBTH Chapter; carried out enlightenment discussion programmes (in English and local languages) as well as news coverage in media houses. Events were registered on The WGW2018 worldwide website and tagged on facebook and twitter pages of [eyehubnigeria.com](http://eyehubnigeria.com).

Have started engaging with the Ministry of Health to actualize the "Buhari Restores Vision Project" in Edo State.

## ANNUAL REPORT OF OSN RIVERS/BAYELSA STATE CHAPTER (2017/2018)

### 1. WORLD SIGHT DAY OCTOBER 2017

The World Sight Day activities took place at De Edge hotel and Resort in GRA, Port Harcourt on the 12th of October 2017. There was free eye screening for the public and doctors who attended the program. A total of ninety adults were screened. Those who needed further attention were referred to either BMSH or UPTH.

A total of 56 doctors registered and paid for the CME. Five CPD points were awarded for the CME. The topics and resource persons for the CME were as follows:

- i. Make vision count delivered ----Dr G.I Nathaniel
- ii. Combating the scourge of glaucoma in the Niger Delta- Dr E.A Awoyesuku
- iii. Refractive errors in children-leveraging on the school eye health- Dr I Aprioku
- iv. Diabetic Eye Disease- Dr B Fiebai
- v. How to recognize cataract- Dr C.G.Nwokocha

The programme was widely publicized in the electronic media with two studio appearances on Nigeria info FM and Wazobia FM. The activities were also aired on NTA 10 Port Harcourt and Nigeria Info FM.



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# NEWS FROM OSN ZONES AND CHAPTERS

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## 2. WORLD DIABETIC DAY OUTREACH REPORT

In a bid to commemorate the world diabetic day, the Ophthalmological Society of Nigeria, Rivers /Bayelsa chapter in collaboration with Diabetic Association of Nigeria organized an outreach for the Police Officers Wives Association (POWA) at the police officers mess, GRA Port Harcourt on the 18th November 2017.

The outreach which started at about 11am lasted till 2pm and a total of 80 women benefitted from the exercise. The program was aired on Nigerian Television Authority (NTA).



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# NEWS FROM OSN ZONES AND CHAPTERS

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## 3. 2018 GLAUCOMA WEEK ACTIVITIES IN RIVERS STATE

We are happy to announce the birth of OSN Bayelsa Chapter early this year 2018 with Dr Odogu as Chairman.

Below are the Glaucoma week activities in Rivers State.

Screening of Hospital staff in BMSH Port Harcourt, UPTH and the Airforce Base Port Harcourt.

Also Glaucoma Awareness Talks on radio stations in Port Harcourt

And lectures at the Air Force Base Port Harcourt.



Reports compiled by:

**Dr. Faith N. Ejegi**

**South South OSN Zonal Coordinator**

## **SOUTHWEST ZONAL REPORT**

### **OSN OYO STATE CHAPTER ELECTS NEW EXECUTIVE COUNCIL**

Dr. M. Akinwale has been elected as the new Chairman of the Oyo State OSN at a meeting held on 25th June, 2018 in UCH, Ibadan. She took over the reins from the Professor M. Baiyeroju led executive council.

Also elected were: Dr. O. Ologunsua (Vice Chairman), Dr. O. Fasina (Treasurer), Dr. A.T Adewole (General secretary) and Dr. O. Aremu (Assistant General secretary). The new mandate will last for two years (2018-2020).

Dr. Akinwale in her remarks thanked the outgoing exco for the job well done especially with the annual World Sight Day activities and free cataract surgeries. She solicited the support of all members as the new team works with the State Government to set up and kick start the Cataract Service Initiative of the National OSN and FMOH in the State.



# RECENT HIGHLIGHTS FROM OPHTHALMOLOGY JOURNALS

## **Real-world rates of secondary ophthalmic procedures after macular surgery**

This IRIS® Registry analysis assessed the rate of return to the operating room within 1 year after undergoing vitrectomy for a macular hole (MH) or an epiretinal membrane (ERM). Nearly 5% of 41,475 eyes treated for MH returned for repair of another MH. In the ERM group, 1.4% of 73,219 eyes returned for a second vitrectomy with membrane stripping. Across both groups, approximately 2% of eyes required a retinal detachment repair within a year. As the registry grows, the authors hope additional analyses will help clinicians better identify, stratify and manage surgical risks. *Ophthalmology, August 2018*

## **Scleral and central corneal IOP measurements are aligned**

Using pneumatonometry, researchers examined the correlation between corneal and scleral IOP in 40 pediatric patients. They found that measurements obtained from the inferotemporal sclera were better predictors of corneal IOP than those obtained from inferonasal sclera. The relationship between corneal and scleral IOP was not influenced by central corneal thickness, lens status, patient age or axial length. The authors present a set of equations that can be used to predict corneal IOP based on scleral IOP, and suggest that inferotemporal sclera IOP measurements may suffice when corneal readings are unavailable. *Ophthalmology, August 2018*

## **Study highlights strengths, limitations of IOL implantation techniques**

This meta-analysis compared the outcomes associated with 3 IOL implantation techniques for eyes with insufficient capsular support. Researchers identified 14 studies comprising 845 eyes that had transscleral-, intrascleral- or iris-fixated IOLs. While BCVA and IOL dislocation rates were similar with all 3 approaches, the risk of cystoid macular edema was lowest among eyes with intrascleral-fixated IOLs. Iris-fixation carried the lowest risk of intraocular hemorrhage and glaucoma and had short surgical times, but was associated with elevated endothelial cell loss. The authors suggest that IOL fixation should depend on the surgeon's experience and patient's pathology. *American Journal of Ophthalmology, August 2018*

## **Deep learning algorithm outperforms human experts at diagnosing ROP**

In this paper, researchers demonstrated that a deep learning algorithm can achieve expert-level diagnosis of plus disease in infants with retinopathy of prematurity (ROP). The authors trained a neural network using 5,511 retinal photographs assigned as normal, pre-plus disease or plus disease based on the consensus of 3 graders and 1 expert. The algorithm was compared against 8 ROP experts, each with more than 10 years of clinical experience and at least 5 peer-reviewed ROP publications. Upon testing with 100 additional images, the algorithm achieved a 91% accuracy, outperforming 6 of 8 experts and showing potential applications in disease detection, monitoring and prognosis. *JAMA Ophthalmology, July 2018*

## **Anti-VEGF pretreatments improve outcomes in vitrectomy for PDR**

Using data from 14 randomized controlled trials, this meta-analysis found that anti-VEGF injections before vitrectomy can reduce surgical complications in patients with proliferative diabetic retinopathy (PDR). The authors examined data from 289 patients with complicated PDR who received anti-VEGF treatment before vitrectomy, and 324 controls who underwent vitrectomy alone. Their analysis suggests that pretreatment reduces intraoperative bleeding, endodiathermy, surgical duration, iatrogenic retinal breaks and the need for silicone oil or relaxing retinotomy. Pretreatment also improved postoperative BCVA and reduced the likelihood of recurrent vitreous hemorrhage. Additional studies are needed to confirm the findings and evaluate the efficacy of various anti-VEGF agents. *British Journal of Ophthalmology, August 2018*

## **Sunlight exposure reduces myopia in children**

This paper supports the idea that outdoor activities in sunlight reduces the risk of myopic shift in children. Researchers recruited 693 first-grade Taiwanese children, 267 of whom were encouraged to spend up to 11 hours per week outdoors during school; the remainder continued their regular activities. After 1 year, sunlight intervention significantly reduced myopic shift and axial elongation and lowered risk of rapid myopia progression by 54% in both myopic and nonmyopic children. The authors propose that a school-based program with either brief periods of high sunlight intensity or longer periods of moderate sunlight can help prevent myopia, but more research is necessary as the study was limited by several confounders. *Ophthalmology, August 2018*

## **Ranibizumab and aflibercept account for 12% of the annual Medicare Part B budget**

This study estimates annual Medicare Part B spending on 2 anti-VEGF drugs. The author analyzed intravitreal injection claims between 2011 and 2015 and found that the annual cost of ranibizumab averaged \$1.3 billion, while aflibercept averaged \$1.4 billion. Together, the drugs account for 12% of the annual Medicare Part B budget. On average, Medicare spent \$9,719 and \$9,934 per year on each beneficiary of ranibizumab and aflibercept injections, respectively. Substantial reductions in overall cost should come from health care policies encouraging bevacizumab use or exerting pressure to reduce existing drug costs, the author concludes. *Ophthalmology Retina, August 2018*

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## RECENT HIGHLIGHTS FROM OPHTHALMOLOGY JOURNALS CONTD.

### Live zoster virus vaccine does not elevate risk of anterior segment complications

This study assessed the risk of developing anterior segment complications after receiving the live herpes zoster virus vaccine. Researchers combed through a large U.S. health claims database and identified patients with naïve or recurrent herpes zoster ophthalmicus (HZO). Those who received the vaccine did not carry a higher risk of developing or redeveloping HZO than unvaccinated patients (HR 0.70 and 0.89, respectively). The analysis supports the vaccine's safety for individuals with a prior history of HZO. *Cornea, August 2018*

### Aflibercept outperforms laser treatment, regardless of baseline DR severity

Using data from 2 randomized trials, researchers assessed the link between baseline Diabetic Retinopathy Severity Scale (DRSS) score and vision outcomes in patients with diabetic macular edema who were treated with aflibercept or macular laser photocoagulation. Irrespective of their DRSS score at baseline, a greater proportion of aflibercept-treated patients improved by 2 or more steps in their DRSS score. By week 100, the aflibercept group gained between 9 and 11 more letters than the laser group. The findings suggest that aflibercept facilitates better functional outcomes than laser photocoagulation regardless of disease severity at presentation. *British Journal of Ophthalmology, July 2018*

### IOP-sensing contact lens gauges risk of glaucoma progression

This retrospective study found that IOP fluctuations recorded using the Triggerfish contact lens sensor (CLS) could be used to predict visual field progression. Researchers studied 445 patients with treated open-angle glaucoma who had at least 3 prior reliable visual field tests. They found that 24-hour CLS recordings had a stronger correlation with rates of visual field progression than mean IOP measured with a Goldmann tonometer during office hours. Rapid glaucoma progression correlated most strongly with mean peak ratio during waking hours, number of long peaks during sleep, night bursts ocular pulse frequency and night bursts ocular pulse amplitude. *JAMA Ophthalmology, July 2018*



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