



**Obidinma
Isaiah Okoli
Onyemelukwe
FOUNDATION**



THE OBIDINMA ISAIAH OKOLI ONYEMELUKWE FOUNDATION SMALL GRANT FOR EYE RESEARCH AND CARE

Effect of Eye Health Education Using Mobile Application (Peek Sightsim®) On Spectacle Wear Compliance among Secondary School Students in Gwagwalada, Abuja.

1. About the Foundation

The Obidinma Isaiah Okoli Onyemelukwe Foundation (OIOF), was established in honour of Prof. OIO Onyemelukwe to support the causes that were dear to him while he lived and to always remember the phenomenal gift he was to humanity. The Foundation focuses on several programmes including eye health, ageing and older persons, cardiovascular health, anti-violence initiatives, scholarships, community development in Nanka, and cultural renaissance and preservation.

In the past 18 months, the Foundation has successfully executed impactful projects in the areas of scholarships and eye health particularly.

2. The Eye Health Programme

Obidinma Isaiah Okoli Onyemelukwe Foundation's eye health programme aims to develop and support initiatives around eye health in Africa, particularly in Nigeria. The programme raises awareness about eye conditions to prevent and reduce the prevalence of avoidable blindness and visual impairment through education; highlighting the need for preventive measures, early detection, regular eye check-ups and the use of optical aids.

Recognising the challenges faced by Nigerians and Africans in accessing eye care services, the Obidinma Isaiah Okoli Onyemelukwe Foundation is committed to creating positive change in the eye health sector.

The Obidinma Isaiah Okoli Onyemelukwe Foundation (OIOF) Small Grant For Eye Research and Care

One of the goals of the eye health programme at Obidinma Isaiah Okoli Onyemelukwe Foundation (OIOF) is to eradicate avoidable or treatable loss of vision through awareness, sensitization, grants, research and provision of vision aids, thus, improving the quality of life of visually impaired individuals. In pursuance of this goal, the Foundation recently awarded a small grant to Dr. David Paul Ejeba, a resident doctor of the Ophthalmology department, of the University of Abuja Teaching Hospital, Gwagwalada.

The study is titled, Effect of Eye Health Education Using Mobile Application (Peek Sightsim®) On Spectacle Wear Compliance among Secondary School Students in Gwagwalada, Abuja. Dr David Ejeba says, "The study aims to provide possible solutions to the burden of poor spectacle wear compliance through eye health education using a mobile application (PEEK Sight Simulator) to the students, their teachers/school staff and their parents/guardians." "This study seeks to evaluate spectacle wear compliance among students and provide suitable glasses to students, mostly indigent students at NO COST. This will undoubtedly enhance their vision and enable them to participate effectively in school", he adds.

The grant supports the provision of eyeglasses to students in 8 public secondary schools in Gwagwalada, Abuja, Nigeria who have the eye condition, refractive error, the most common cause of vision impairment globally.

The students were screened and tested for refractive error. A cross-section of 116 students with refractive error was selected from the 8 schools and each of them received a suitable pair of eyeglasses. The schools are: The School for the Gifted, Gwagwalada; Government Secondary School, Gwagwalada; Government Secondary School, Hajj Camp, Gwagwalada; Government Day Secondary School, Gwagwalada; Junior Secondary School, Gwagwalada; Junior Secondary School, Hajj Camp, Gwagwalada; Junior Secondary School, Phase 3, Gwagwalada; Junior Secondary School, Sabon-gari, Gwagwalada. In each of these schools, 21, 17, 14, 13, 16, 14, 11, and 10 students respectively received suitable glasses for the treatment of their peculiar eye conditions.



Government Day Secondary School, Gwagwalada



Government Secondary School, Gwagwalada



The School for the Gifted, Gwagwalada



Junior Secondary School, Sabon-Gari, Gwagwalada



Junior Secondary School, Phase 3, Gwagwalada



Junior Secondary School, Hajj Camp, Gwagwalada



Junior Secondary School, Gwagwalada



Government Secondary School, Hajj Camp, Gwagwalada

The students were very happy and expressed their gratitude to the foundation. Some of the students who had very high refractive errors (high myopia, high hypermetropia and astigmatism) but can now see very well with their spectacles had some emotional moments and were ecstatic.

We are excited to be part of this journey, and we hope that this intervention will enhance the visions, improve academic performances, and consequently improve the quality of life of these students.

About us

Obidinma Isaiah Okoli Onyemelukwe Foundation's eye health programme aims to develop and support initiatives around eye health in Africa, particularly in Nigeria.

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