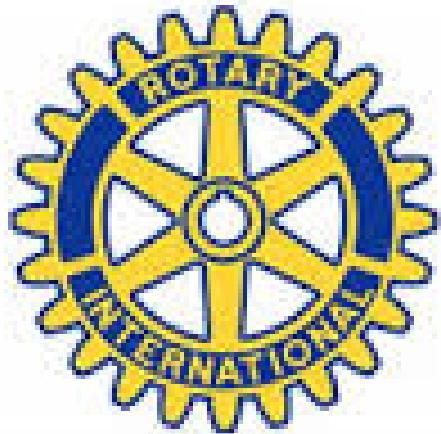
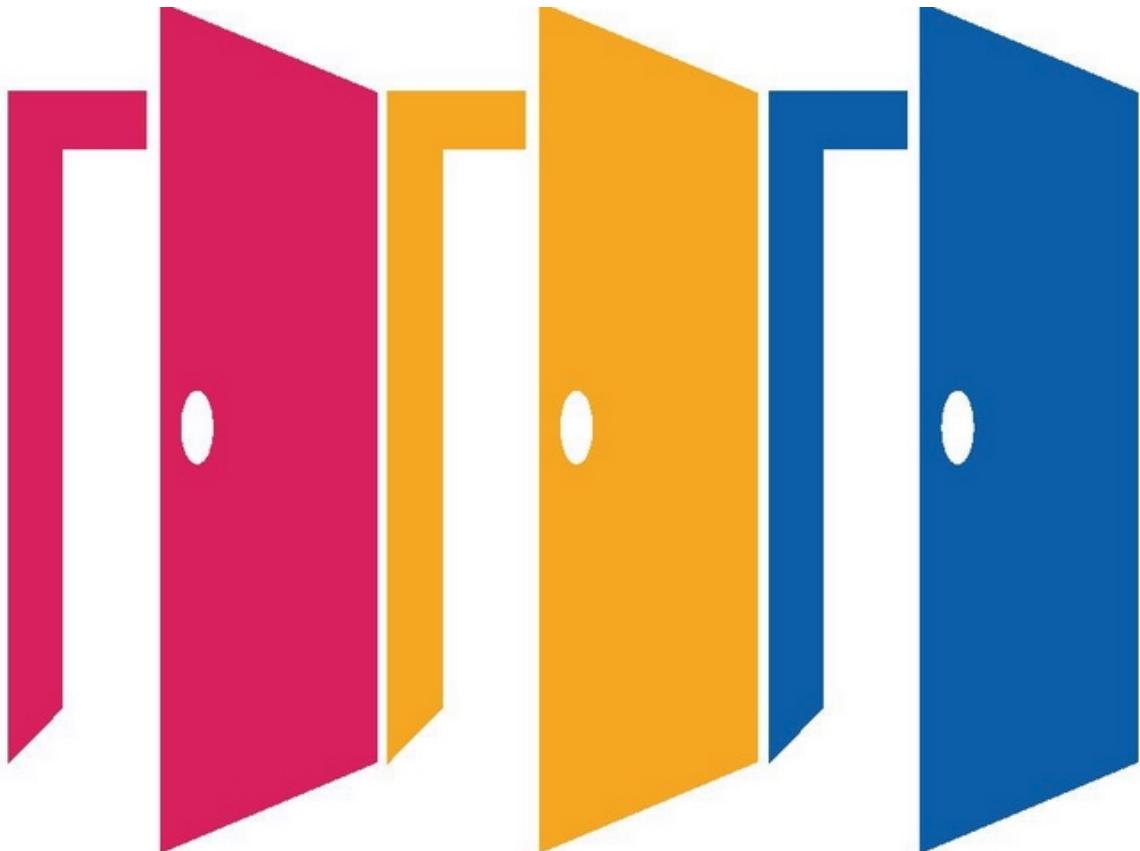


Rotary

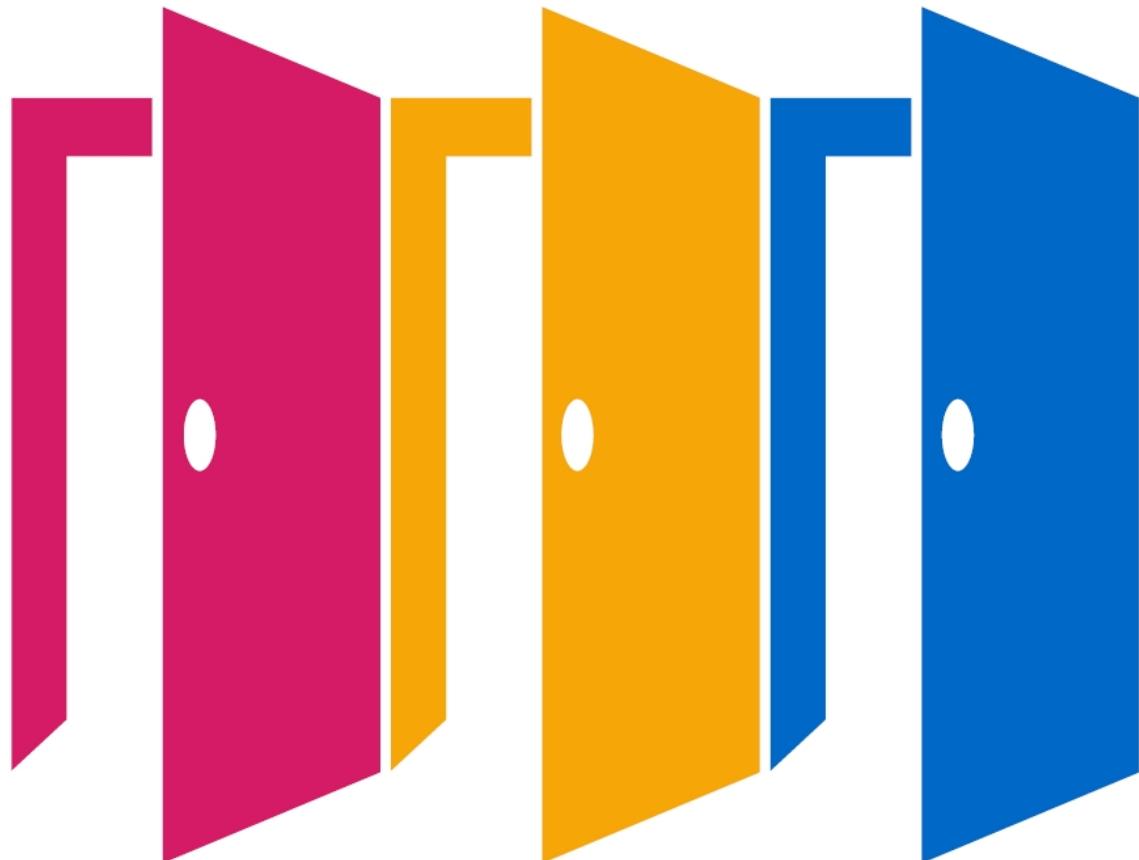


SERVICE Above Self





Rotary avaa mahdollisuuksia



Rotary Opens Opportunities



The **Rotary** Foundation



DOING GOOD IN THE WORLD



OUR CAUSES



PROMOTING
PEACE



FIGHTING
DISEASE



PROVIDING
CLEAN WATER



MATERNAL &
CHILD HEALTH



LITERACY &
BASIC
EDUCATION



ECONOMIC &
COMMUNITY
DEVELOPMENT

SIX AREAS OF FOCUS



Rauhantutkimus sekä konfliktien ehkäisy ja sovittelu



Sairauksien ehkäisy ja hoito



Vesi ja sanitaatio



Äidin ja lapsen terveys



Peruskoulutus sekä luku- ja kirjoitustaito



Taloudellinen ja yhteiskunnallinen kehittäminen



Friends make life more fun

Twin Club
Partner Club
Sister Club
Ystävyysklubi



Friends make life more fun!



Our international Rotary network

We are co-sponsor club for:

- Atibaia-Estancia, Brazil (in the state of Sao Paulo)
- Cortland Manor, New York, USA

**And now we have a friendship club in Germany,
RC Detmold-Blomberg**



Vuodesta 2014 lähtien



TWIN CLUB CERTIFICATE OF RECOGNITION

The Rotary Clubs of

LEMPÄÄLÄ, Finland

and

DETMOLD-BLOMBERG, Germany

have established a partnership to further international understanding and foster goodwill through long-standing fellowship and international service.

PRESIDENT

DATES

PRESIDENT

DATES

RC Detmold-Blomberg



Rotarysäätiön tukema Global Grant-projekti

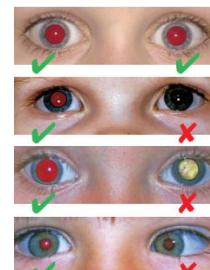
Child Eye Screening in Ghana



Eye screening project in Ghana

Objective: Introduction of an eye screening program for infants and young children in Ghana for the early detection of infantile eye diseases, especially the dreaded retinoblastoma.

Project: Training of midwives, nurses and medical assistants in handling a simple ophthalmoscope (arc light ophthalmoscope) in order to carry out the Brückner fluoroscopy test to test the red-eye reflex and detect abnormal eye changes



Normal findings, red light reflex on both sides

Right eye with normal light reflex, left eye with opacity, e.g. congenital cataract

Right eye with normal light reflex, left eye with whitish reflex (leukocoria) in retinoblastoma

Right eye with normal light reflex, left eye with impaired reflex due to squint position

Together with a paediatric ophthalmologist, a Rotary Club Member and senior physician at the ophthalmic hospital of the Korle Bu Teaching Hospital in Accra, Ghana, Dr. Kwesi N. Amissah-Arthur would like to introduce and establish the screening program for early detection of the retinoblastoma and for the diagnosis of other early childhood eye diseases throughout Ghana.

This test is part of the early check up at the paediatrician's in Germany. Even non-medical staff can learn how to carry out this test - there are only about 70 ophthalmologists for 28 million inhabitants in Ghana.

Financing: The purchase of 1000 arc light ophthalmoscope devices is desirable. Each device costs about 10 €. Approx. 25,000 € are needed for training courses. Travel and accommodation costs are being scheduled at approx. 4,000 €. Approx. 11,000 € have to be included for administrative and IT costs. Thus, the planned costs amount to approx. 50,000 €.

Retinoblastoma

Retinoblastoma is a malignant tumour of the child's retina and leads to death if untreated. If the disease is detected in time, there is a 95% chance of recovery.

Children up to the age of five are affected. The fluoroscopy test makes it possible to recognize affected eyes at an early stage and therefore an adequate therapy can be started.

Professor Bornfeld (Essen Eye Clinic), the leading eye tumour expert in Germany, estimates that the annual number of new diseases in Ghana is in the three-digit range.

The goal is to provide the necessary funding for the project by means of a global grant in conjunction with one or more Rotary Clubs and the Rotary Club in Accra, Ghana, and to raise funds for this extremely meaningful and highly sustainable project.

Through the transfer of knowledge, the medical staff is trained to recognise eye diseases in childhood. The arc light eye mirrors are also suitable for the diagnosis of eye diseases in adulthood. The devices are very inexpensive and especially designed for this application.

Eye screening in childhood can save lives and achieve a good visual development of sick children when treated in the early stages.

Eye screening - it's worth it!

Retinoblastoma Screening in Ghana

Kwesi Nyan Amissah-Arthur

Rotary Club of Accra La East

Senior Lecturer, Ophthalmologist and Retinal surgeon

University of Ghana Medical School



Retinal Surgeon and lecturer

- Born in Ghana
- Lived in the UK for 18 years
- Ophthalmologist
 - Retinal Surgeon
- Birmingham and Manchester
- Birmingham Children's Hospital
 - Retinoblastoma Centre
- Moved back 2015 Sept
- Joined Rotary in Accra

Ghana

- West African Country
 - 238,500 sq Km
- 28 million people
- Low middle income country
- GDP - €44 Billion
 - Cocoa, gold, timber, crude oil, bauxite etc
- Per capita (PPP) - €4,100



RC Accra La East

- Young Club
- Charter
 - 14/10/2017
- Vibrant
- 32 members
- Charter project €17,000



The first photograph shows a medical professional in a white coat examining a patient's arm. The second photograph shows a group of people in blue t-shirts standing behind a table under a green tent. The third photograph shows a large crowd of children in school uniforms.

Rotary Family Health Day

The University of Ghana logo is in the top left corner. The word "UNIVERSITY OF GHANA" is written in blue capital letters. Below it, the word "Research" is written in a larger, bold, black font. To the right, there is a photograph of a group of researchers in formal attire standing outside a building.

- Statistics
- Data
- Knowledge
- Improving things
- Best practice

The Eye

VISION LOSS

- Working age group
- Visual Impairment
 - Cancer
 - Musculoskeletal paralysis
 - HIV/AIDS
 - etc!!!

A new opinion poll from the American Foundation for the Blind shows that 21 percent of Americans believe that losing their vision would have a more negative impact on their quality of life than many other health conditions.

Condition	Percentage
Severe Vision Loss	21%
Paralysis	21%
HIV/AIDS	16%
Cancer	14%
Stroke	11%
Heart Attack	6%
Diabetes	4%
Deafness	3%

AFB American Foundation® for the Blind
Expanding possibilities for people with vision loss



Ghana Eye Statistics

- 210,000 blind Ghanaians
- 300,000 Have severe visual impairment
 - Of these 100,000 are reversible!
- 50,000 Blind from Glaucoma
- 30,000 have vision threatening diabetic retinopathy
- A lot of work to be done
- **80 trained Ophthalmologist in the whole country!**



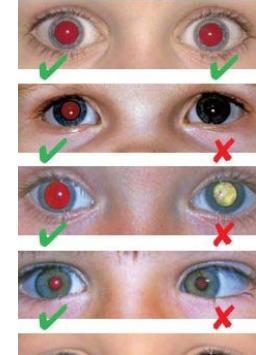
Retinoblastoma

About Retinoblastoma

- Cancer of the eye (Retina)
- Internationally 1 case in every 15,000-20,000 births
- University of Ghana Teaching Hospital
 - 2016 – 40 cases
 - 2017 – 53 cases
- Numbers only those coming to hospital!
- They present to hospital late!
 - Why? Why? Why?
- Treatment
 - Chemotherapy
 - If advanced we can remove the eye
 - If early we can laser, freeze or use local chemotherapy or radiotherapy

Identifying cases early

- In the West
 - All babies have a red reflex test at birth or at a few months old
 - German U3 examination
- The earlier you identify the more lives you can save
 - Also the cheaper it is to treat
- No National Red reflex check in Ghana



How to identify early?

- Need to capture children
- Good immunization program
 - 6 weeks, 10 weeks, 14 weeks, 9 months
- Well attended
- Already has staff and infrastructure
- No need to invent a new system



Arclight ophthalmoscope

The plan

Not only Retinoblastoma

- Cataract
- Glaucoma
- Squint
- Some retinal problems



Treatment

- At present several hospitals doing what they think is best
- Process of organizing the services
- **Dr Vera Essuman**
- One hospital has almost everything to treat and look after the children.
- Another is 75% ready to contribute



The International Agency for the Prevention of Blindness

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Eye Health Hero: Vera Essuman



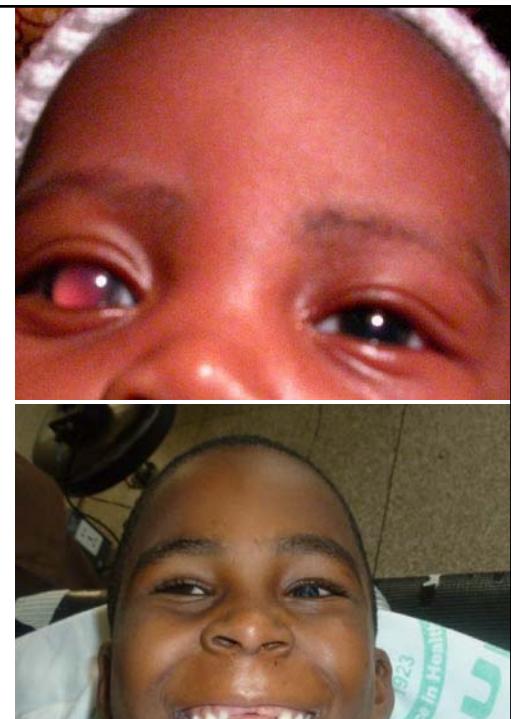
Dedicated doctors like Dr. Vera Adoebe Essuman are working hard to address and champion efforts to change the arc of needless blindness in Ghana. Dr. Essuman is a Senior Lecturer and Head of the Ophthalmology Unit, Department of Surgery, School of Medicine and Dentistry, College of Health Sciences, University of Ghana and a Pediatric Ophthalmologist/ Ophthalmic Surgeon at Korle-Bu Teaching Hospital in Accra. As the first pediatric ophthalmologist to be trained in Ghana, Dr. Essuman has been a pioneer in pediatric ophthalmology for the country since 2004.

The team at the Hospital!



Why this is important

- To save the children's lives and eyes
- To work out the true number of cases
- To create more awareness
- To serve!



Hyvä ystävä Markku,

October 2020

Ensinnäkin, lähetän lämpimät terveiset sinulle ja kaikille Lempäälään rotaryklubin ystäville.

Toivottavasti teillä oli hieno kesä ja että olette kaikki terveitä.

Olen iloinen voidessani antaa sinulle yleiskuvan ja päivityksen projektista " Child Eye screening in Ghana" Projektin nimi voisi olla myös: Ideasta toteutukseen.

Rotaryn myllyt jauhavat hitaasti!

Idea projektista syntyi keväällä 2017. Klubissamme seurasi paljon keskusteluja, tutkimuksia, asiantuntijoiden esityksiä ja keskusteluja, kunnes klubimme hallitus päätti toteuttaa sen loppukesällä 2017. Meillä oli runsas tiedonvaihto Accra La East rotaryklubin ja projektipäällikkö, tohtori Kwesi Amissah-Arthurin kanssa.

Projektin budjetti on 90.000 dollaria sisältäen silmien peilauslaitteet, niiden käyttökoulutuksen ja hallinnolliset kulut.

Aloimme kerätä lahjoituksia erilaisilla kampanjoilla (joulukuusien myynti, arpajaiset jne.). Myös kumppaneillemme ja naapuriklubeillemme kerrottiin projektista, ja saimme erittäin anteliaita lahjoituksia, mistä olemme erittäin kiitollisia myös Lempäälään rotaryklubille.

Vuonna 2019 aloitimme sitten virallisen Global Grant -projektin kehittämisen Rotary Internationalia varten. Pitkän ja intensiivisen hakemuksen käsittelyn jälkeen jätimme hakemuksen RI:lle tämän vuoden huhtikuussa. Toukokuussa 2020 saimme RI:ltä lisää kysymyksiä projektistamme. Seitsemään kahdeksasta kysymyksestä on helppo vastata, mutta yksi kysymys piti meitä kiireisenä viime aikoihin asti.

RI vaati Ghanan terveysministeriöltä vahvistusta siitä, että projektimme on tunnustettu ja hyväksytty Ghanan valtion taholta.

Tällainen hyväksyntäkirje toimitettiin RI:lle tarkistettavaksi syyskuussa 2020.

Ei lainkaan helppoa!

Toivomme nyt, että lähiviikkoina kaikki asiakirjat ovat täydelliset ja saamme RI:ltä myönteisen vastauksen. Aikaviiveitä ei kuitenkaan voida sulkea pois, koska, kuten luultavasti tiedät, RI on asettanut aiheen "Covid19" etusijalle.

Lopujen lopuksi ajatuksesta on kulunut noin kolme ja puoli vuotta. Todellinen käsittelyaika kaksi ja puoli vuotta. Kirjeenvaihtoa on ollut yli 300! Mutta pysymme optimistisina loppuun asti.

Olemme tietysti suunnitelleet olla myös mukana projektissa paikan päällä.

"Covid19": n takia emme voi lentää Ghanaan lähitulevaisuudessa.

Nyt odotamme innolla positiivisia tuloksia.

Paljon kiitoksia tiedustelustasi. Ilmoitamme sinulle tietysti heti, kun olemme saaneet lisätietoja.

#

Mit freundlichen Grüßen

Stefan