

Annual Report: Generational Health Foundation

April 20, 2023



A Message from the Founders



Two years ago, we launched the Generational Health Foundation.

Inspired by a willingness to contribute meaningfully to our community, we embarked on this journey and haven't looked back!

Indeed, we are pleased with our progress to date.

Over the last 24 months, we have raised over **GHS 35,000** in donations and impacted the lives of **200+ patients**. Specifically, we completed 15 surgeries of varying complexity (100% success rate) and exclusively sponsored two community outreach programs where we screened 200 patients for conditions requiring surgical intervention (like hernia, goiter, fibroids), HIV, Hepatitis B, malaria, diabetes, etc.

We are grateful to all donors of the Generational Health Foundation for supporting us in our mission. However, there's more work to do.

We hope that you continue to stand with us as we work toward building a **Healthier** future for this **Generation** and the next.

With Best Regards,

CEO & Chairman

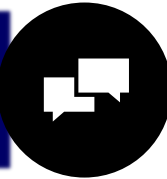


NGO Profile and Fundraising Brochure



Generational Health Foundation – Overview

Generational Health Foundation (GHF) is a Non-profit Organization contributing to reducing the disease burden in rural communities via surgical outreach missions



- GHF is a **Company Limited by Guarantee** fully registered with the Registrar General's Department and the Department of Social Welfare in Accra, Ghana. The organization:
- Engages in public-private partnerships that advance healthcare delivery, increase medical access and provide surgical care to patients in rural communities across Ghana, West Africa – **Mission Statement**.
- Offers **free surgeries annually** to address medical issues that can be remedied via (i) minor/major general surgery, (ii) reconstructive surgery, and (iii) obstetric and gynaecologic surgery.
- Is led by a team of **licensed and experienced** physicians and surgeons to deliver first-rate surgical care to patients.
- Consists of a **growing network** of doctors and healthcare volunteers from its recruitment of local and international talent to assist in the pursuit of the organization's mission statement.
- Is committed to providing patients with access to **first-rate medical facilities** and quality care via its partnership with the Poku Transport Hospital – a private medical institution headquartered in Ghana.

Generational Health Foundation – Leadership Team



Richard K. Fordwor

Co-founder, Chairman



Richard Fordwor is an investment professional based in New York City. Previously, Richard specialized in transactions such as corporate financings, Mergers/Acquisitions, and corporate partnership deals for companies in the biotech, pharmaceuticals, medical device, and digital health space. Richard holds a Bachelor of Science Degree in Chemical Engineering from Columbia University.



Dr. Charles Poku, Jr.

Co-founder, CEO



Dr Charles Poku is an obstetrics and gynaecology resident at the Komfo Anokye Teaching Hospital. He also acts as the medical director of Poku Transport Hospital, Kumasi. Dr Poku has a keen interest in public health, community advocacy as well as issues related to maternal/child health. He obtained his bachelor of medicine and bachelor of surgery degree from the University of Ghana School of Medicine and Dentistry.



Dr. Charles Poku, Sr.

Medical Advisor



Dr. Charles Poku is a consultant paediatrician and the Chief Executive Officer of Poku Transport Hospital. Dr. Poku is a member of the Royal College of Paediatrics and Child Health (UK), Fellow of the Ghana College of Physicians and Fellow of the Royal College of Physicians (Edinburgh).



Dr. Boutros Farhat

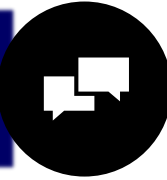
Head Surgeon



Dr. Boutros Farhat is a specialist surgeon at the Suntreso Hospital, Kumasi. He obtained his Bachelor of Medicine and Surgery degree from the Kwame Nkrumah University of Science and Technology in 2001. He completed his surgical residency training in 2009 and qualified as a Specialist General Surgeon. Dr. Farhat has an additional 8 years of training in plastic/reconstructive surgery.

Inaugural Outreach Project – Health Screening at Kumasi Central Prison (1of 3)

In partnership with the Federation of Ghana Medical Laboratory Association (FG-MELSA), GHF completed a health promotion and surgical screening project at the Kumasi Central Prison on February 16, 2022.



Health screening services provided to the inmates included:

- Hepatitis B.
- HIV.
- Malaria.
- ABO Blood Grouping.
- Blood Pressure.
- Fasting/Random Blood Glucose.
- Sickle Cell Anemia.
- Physical examination for surgical conditions.



A total of 150 inmates and officers completed the screening. Of the 150 patients screened, 14 suffered from conditions requiring surgical intervention. Efforts are being made, in conjunction with authorities at the prison service, to arrange for GHF to perform many of these surgeries free of charge.

Inaugural Project – Screening at Kumasi Central Prison (2of 3)

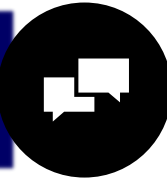


Inaugural Project – Screening at Kumasi Central Prison (3of 3)



Second Outreach Project – Free Health Screening at Poku Transport Hospital

GHF completed a health promotion and screening project at the Poku Transport Hospital on October 23, 2022.



Health screening services provided to patients included:

- Hepatitis B.
- HIV.
- Malaria.
- Blood Pressure.
- Fasting/Random Blood Glucose.
- Sickle Cell Anemia.
- Physical examination for surgical conditions.



A total of 50 patients completed the screening. As part of the package, patients also had the opportunity to consult with our volunteer medical doctors and staff as well as receive a free comprehensive eye exam.

Second Project – Screening at Poku Transport Hospital (2of 3)



Second Project – Screening at Poku Transport Hospital (3of 3)



Completed Surgeries To Date (1of 3)



Patient No.1, Hernia –
General Surgery



Patient No.2, Melanoma –
Reconstructive Surgery



Patient No.3, Lipoma –
General Surgery



Patient No.4, Hernia –
General Surgery



Patient No.5, Hernia –
General Surgery



Patient No.6, Lipoma –
General Surgery

Completed Surgeries To Date (2of 3)



Patient No.7, Hernia –
General Surgery



Patient No.8, Lipoma –
General Surgery



Patient No.9, GanglionP –
General Surgery



Patient No.10, Lipoma –
General Surgery



Patient No.11, Hernia –
General Surgery



Patient No.12, Hernia –
General Surgery

Completed Surgeries To Date (3of 3)



Patient No.13, Fibroid –
OBGYN

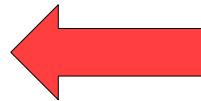


Patient No.14, Goiter –
General Surgery



Patient No.15, Fibroid –
OBGYN

See more of our work on our [Facebook](#), [Instagram](#), and [Website](#)!



Plans for the Near Future

We have made significant progress in the last 24 months. But there is a lot more to do!

In the next twelve (12) months, GHF plans to do the following:

- Raise **\$10,000** in external funding from donors.
- Recruit 3 to 7 new medical volunteers.
- Complete at least one surgical outreach mission in partnership with the Gold Coast Medical Foundation (GCMF).
- Hire a regional manager for Greater Accra.





Appendix – Problem and Solution Statement



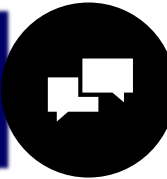
The Problem

Significantly Low Operation Rate in
Ghana



Magnitude of the Problem – Facts and Figures

The operation rate in Ghana falls significantly short of the Lancet Commission benchmark of 5,000 operations per 100,000 people, indicating a large unmet need.

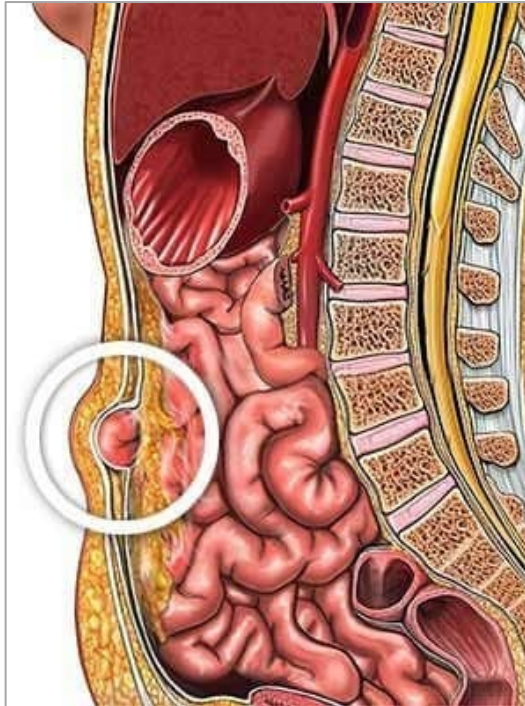


- The Lancet Commission on Global Surgery recommends an annual rate of 5,000 operations per 100,000 people as a benchmark at which low and middle income countries (LMICs) can achieve most of the population-wide benefits of surgery.
- A 2018 study conducted by Dr. Adam Gyedu et al and published in the Annals of Surgery (a peer-reviewed medical journal of surgical science and practice) pegged Ghana's annual surgical rate at 869 operations per 100,000 people.
- 62% of operations were performed at district-level hospitals.
- 54% of district level hospitals did not have fully trained surgeons, but nonetheless performed 36% of district-level hospital operations.
- **Reasons for the low annual surgical rate in Ghana (World Journal of Surgery, 2015)**
 - Insufficient personnel.
 - Poverty.
 - Lack of education on surgical diagnoses.

Magnitude of the Problem – Specific Case Study (Hernia) 1 of 2

Hernia affects people of all ages and sexes. When left untreated, hernias can lead to dire consequences for the patient.

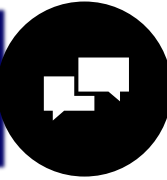
- ▼ Hernias can become obstructed and may lead to intestine or tissue strangulation.
- ▼ Tissue strangulation causes bowel death which requires emergency surgery.
- ▼ In the event that emergency surgery is not undertaken, the patient may suffer irreversible damage to the bowel or may even die.



The hernia case illustrated above is a real case that Dr. Charles Poku encountered in 2021. The patient presented himself at the Poku Transport Hospital complaining about body pains... and not the hernia! This situation is not a unique one. There are hundreds of unreported hernia cases in Ghana. **Why?** (i) a lack of knowledge, (ii) inability to afford treatment, (iii) a distrust of the medical system, and (iv) fear or anxiety.

Magnitude of the Problem – Specific Case Study (Hernia) 2of2

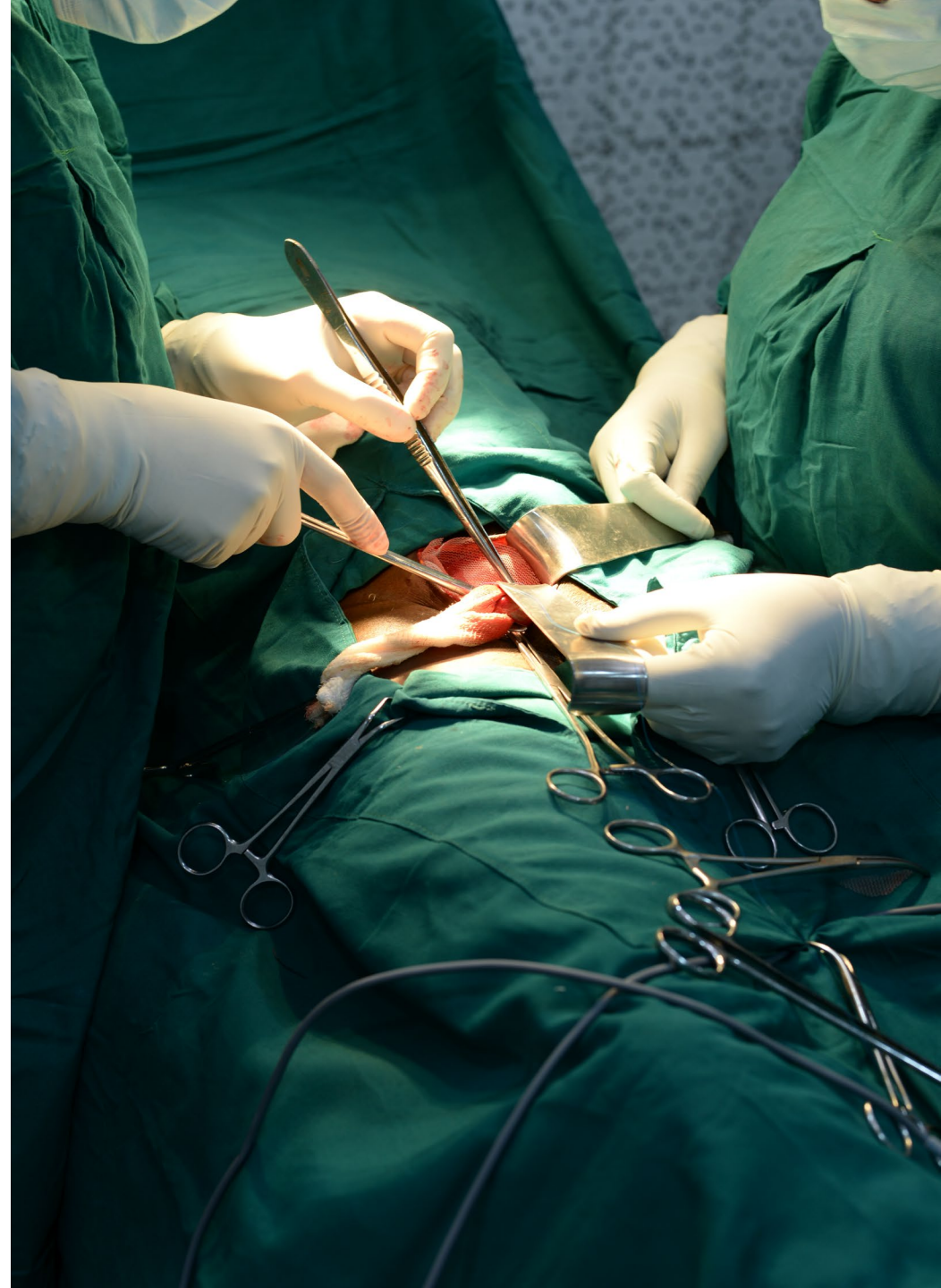
Untreated hernia cases (alone) would inflict a significant burden on our health systems and the economy at large.



- The prevalence of inguinal hernia in Ghana is 3.15% (Beard et al, 2013).
- The annual incidence of symptomatic hernia in Ghana is approximately 210 per 100,000 people.
- At the estimated hernia repair rate in Ghana of 30 per 100,000 people, a backlog of over 1 million hernia cases will develop over the next 10 years.
- The cost of repairing all symptomatic hernia in Ghana is estimated at **53,000,000 USD**.
- **106,000,000 USD** would be required to eliminate hernia over a 10 year period. Nearly 5 million disability-adjusted life years (DALY) will be averted with the repair of all prevalent hernia cases in Ghana.
- Gyedu et al, 2020 showed that 74% of hernia operations were performed at district level hospitals. 38% of these operations were performed in facilities without fully trained surgeons.

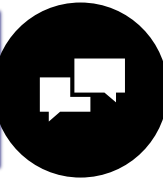
Our Solution

Surgical Outreach Missions



Benefits of Surgical Outreach Missions

While surgical outreach programs are not the only solution to improving access to medical and surgical care in rural communities, it serves as an important first step in the process.



Some **benefits** of surgical outreach missions include the following:

- Reduced burden of disease.
- Reduced stress on rural and district health systems.
- Increased socio-economic development (benefits to individual, family, community and nation).
- Increased access to health specialists in remote areas.
- Increased knowledge level of beneficiaries on common ailments.
- Increased quality of care and confidence in the health system.
- Continuing education for health workers.
- Sense of fulfilment and patriotism amongst volunteer health professionals.





Generational

Health Foundation



+233 50 255 3447



Generational Health Foundation
Poku Transport Hospital
Plot 18 Block U, Yaa Dufie Drive
Kumasi, Ghana



fordwor@generationalhealthfoundation.org