



THE FOUNDATION & THE HOSPITAL
— HELPING THE WORLD STAND TALL

Compassion in Action

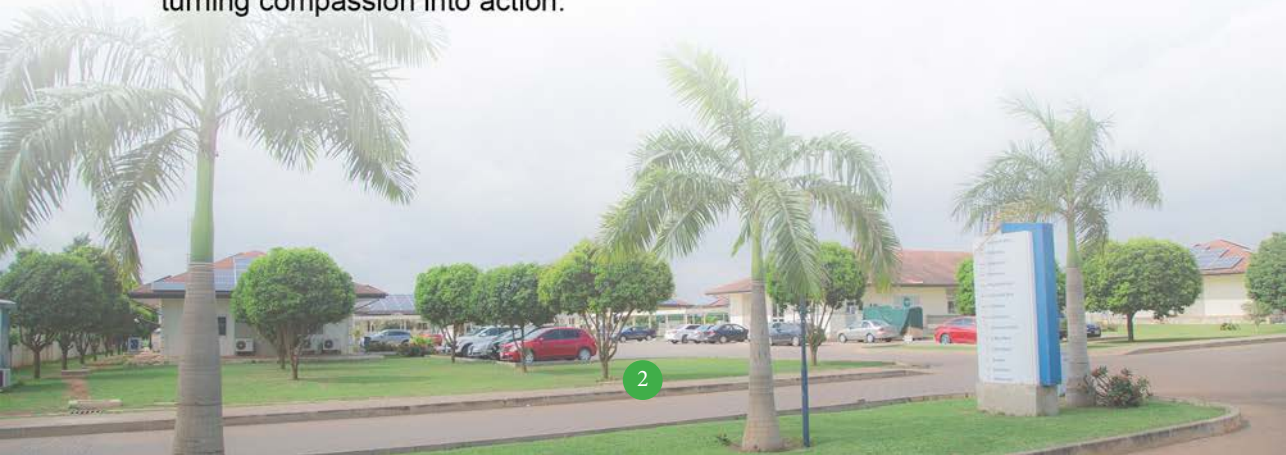


If you want to be happy for one hour, take a nap.
If you want to be happy for one day, go fishing.
If you want to be happy for a year, inherit a fortune.
But if you want to be happy for a lifetime,
find somebody to serve.

— **Chinese Proverb**

Executive Summary

- In 1998, Prof Oheneba Boachie-Adjei, a world renowned orthopedic surgeon, created the Foundation of Orthopedics and Complex Spine (FOCOS) to help bring treatment of complex spinal deformities to underserved populations, primarily in Africa.
- Since inception, FOCOS has treated over 75,000 patients and performed more than 3,500 complex surgeries on patients from over 55 countries. These surgeries cost 85-95% less than the cost to perform the same procedures in the US.
- More than 85% of all severe scoliosis cases at FOCOS occur among children, young adults, and populations who cannot afford the cost of treatment and care. Of the cases treated at FOCOS, 56% are life-threatening. Apart from shorter lifespans, victims of scoliosis go through pain, stigma, unproductive lives, unhappiness, and experience poor mental health as a consequence of coping with scoliosis within their communities.
- Driven by a strong culture of excellence in patient care, FOCOS has a medical team comprised of 43 doctors, 95 nurses and other well-trained medical staff, who have outstanding track records of experience and skills.
- FOCOS operates with high standards to ensure total wellness and care and has some of the lowest infection rates among hospitals, worldwide.
- FOCOS delivers world class solutions to complex human development problems and has a distinguished affiliation with the Hospital for Special Surgery (HSS).
- With your support, we can continue to pursue our commitment to bringing quality orthopedic care to populations that would never have access to such care, leading to suffering and lower life expectancy. As a partner, FOCOS is turning compassion into action.



Complex Cases



"When life throws you its worst curve...
...FOCOS will help straighten it out"

- Dr. Oheneba Boachie-Adjei

Overview



Musculoskeletal diseases and disorders affect the movement of the human body (i.e. muscles, tendons, ligaments, nerves, discs, blood vessels, etc.) and represent a growing, expensive, and often neglected burden on child and adult populations in Ghana and Africa. This impacts health systems, productivity, and overall national development. Thousands of people, especially from vulnerable and poor households, suffer from ailments including clubfoot, spinal deformities, bowed legs, arthritis of the knee and hips and other infectious and rheumatic diseases.



Vision & Mission and Values



To provide optimum orthopedic care to improve the quality of life in Ghana and other countries.



A sustainable infrastructure for state-of-the-art orthopedic care and education.



Our values are enshrined in the acronym **P.R.E.P.A.R.E.**

P - Passion and Purpose
R - Respect and Compassion
E - Excellence in Performance
P - Patient safety, quality care and protocols
A - Accountability
R - Responsibility
E - Efficiency and teamwork

Strong Governance

Board of Directors-USA



Nana Prof Oheneba Boachie-Adjei Woahene II
Founder of FOCOS



Kwadwo Boachie-Adjei, Board Chair
Board Chairman
Founder & CEO
Regen Health Solutions



Peter Akwaboah, Vice Chair
Board Vice Chair
Managing Director – Morgan Stanley



Edward Baiden, Treasurer
Board Treasurer
General Manager & Global Director – PPG Industries



Nana A. Annan, JD, Secretary
Board Secretary
COO – Harlem
Children's Zone



John Westfall-Kwong, Development Chair
Board Development Chair
COO – SWK Real Estate Group of Keller Williams



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Past Board Chair
Managing Director
(Rtd) – J.P. Morgan Chase



Mary Anne Choo
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Partner Alston & Byrd



Paul M. Cooke, MD
Asst. Professor & Asst Attending
Physiatrist – Hospital for
Special Surgery (HSS)



Han Jo Kim, MD
Associate Professor & Spine
Fellowship Director – Hospital for
Special Surgery (HSS)



Eric Major
Chairman, President
Stryker Spine Division



Irene Wulff, MD
CEO
FOCOS Hospital

Board of Directors-Ghana



Ambassador Fritz Kwabena Poku, Board Chair
Board Chairman
(Rtd) Career Diplomat



Roland O. Akosah, Treasurer
Founder & CEO,
Eno International LLC



Frank Adu
(Rtd) Managing Director
CAL Bank



Samuel Owusu-Akyaw
CEO
Atrium Group



Inna Patty
CEO
Miss Ghana Foundation



Nathaniel Tabariyeng
Partner
Tabariyeng & Associates

- The US Board focuses on overall strategy and funding initiatives of FOCOS.
- The Ghana Board focuses on the day to day oversight and operations of the hospital.

★ Serve on both US and Ghana Boards
(overlap to ensure alignment in strategy)

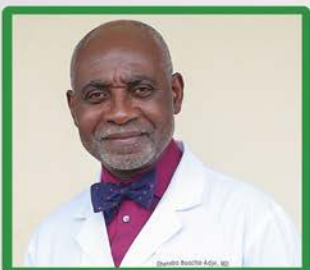
Top Notch Expertise



IRENE WULFF, MD
Consultant Anaesthesiologist



KWADWO POKU YANKEY, MD
Consultant Neuro Orthopedic Surgeon



Nana Prof Oheneba Boachie-Adjei
Woahene II
Orthopedic Surgeon



ARTHUR SACKEYFIO, MD
Consultant Orthopedic Surgeon



GROSS LIUDMILLA FERNANDES, MD
Consultant Anaesthesiologist



BAIDEN GERTRUDE
Critical Care Nurse

Unfolding Footprints



Since 1998

23

Years of providing prime orthopedic care

75,000

Patients treated

3,500

Successfully completed life changing surgeries

55

FOCOS has treated patients from over 55 different countries on 6 continents

577

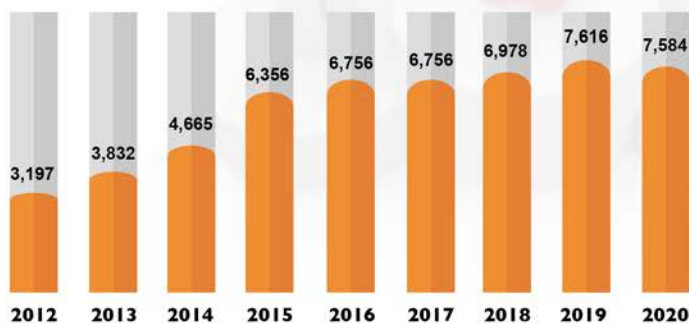
Volunteer doctors and medical professionals come from 10 countries

151

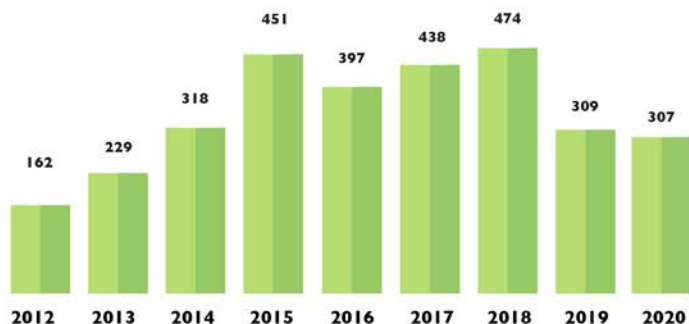
Number of full time Staff at FOCOS Hospital

Key accomplishments - Facts & Figures

- Successfully raised over \$22 million to build and operate the FOCOS Orthopedic Hospital, one of the leading state-of-the-art, technologically advanced hospitals in the West Africa region. Best medical Tourism hospital in Ghana.
- Over 75,000 patients treated and 3,500 major orthopedic surgeries performed as of 2020.
- Exceptional medical track record and surgical outcomes (1-3% infection rate).
 - According to recent WHO studies, hospital infection rates can typically range from 6-19% in low/medium income countries.
 - FOCOS is operating at a level on par with or exceeding advanced country levels.
- Track record of innovation and success, particularly in Complex Spinal Deformity (e.g. Halo Traction procedure), Early onset scoliosis with MAGEC Rods.
- Leading the way in training orthopedic doctors and spine surgeons in Ghana and the region in order to further significantly increase impact.

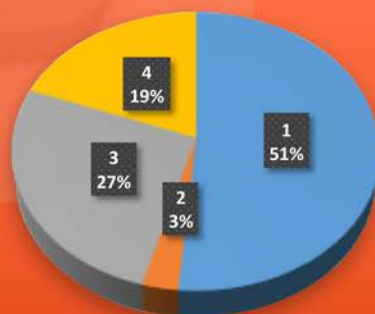


Patient Visits



Total Procedures

Types of Procedures (2012-2020)



- 1 Spine
- 2 General Orthopedics
- 3 Joint & Trauma
- 4 Halo

CHARITY NAVIGATOR RECOGNIZES FOCOS AS A 4-STAR RATED CHARITY

Charity Navigator's highest four-star rating is awarded for sound fiscal management, transparency and accountability.

According to Charity Navigator, only a quarter of charities receive this distinction. This adds the **Foundation of Orthopedics and Complex Spine (FOCOS)** to a preeminent group of charities working to overcome some of the world's most pressing challenges.



FOCOS USES GREEN TECHNOLOGY



Panoramic view of solar system at FOCOS

Partnership with HSS

Overview of Hospital for Special Surgery (HSS)

- Founded in 1863 - The world's largest academic medical center focused on musculoskeletal health.
- More than 32,000 surgical procedures performed annually.
- Nationally ranked #1 in orthopedics (for the ninth consecutive year) and #3 in rheumatology.*
- Among the top-ranked hospitals for both orthopedics and rheumatology for 27 consecutive years.

**U.S. News & World Report (2018-2019)*

HSS International Collaborations



Ghana,
FOCOS
Hospital



Greece,
Educational
Programming
Provided by
The Stavros
Niarchos Foundation



China,
Orthopedic
Education
Exchange
with Various
Institutions



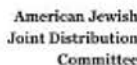
South Korea,
Bumin
Hospital
Group



Key Accomplishments of the Partnership

- FOCOS was approved as an affiliate of HSS for the use of Premier contracts to purchase supplies.
- Mentorship program has been established to assist FOCOS staff in predicting the needs of each department in order to have a steady, reliable supply of inventory and quality service.
- HSS and FOCOS have formalized a continuing education program for FOCOS staff through the HSS Academy.
- Efforts are ongoing towards administering live video conferences for live education sessions at HSS; including HSS Grand Rounds and streaming of surgery.
- Resumption of service trips since 2016 (after a brief hiatus during the Ebola crises).

Best in Class Sponsors



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GLICO HEALTHCARE



Goldman Sachs Gives

gSource

HAEMONETICS THE Blood Management Company

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KOSMOS ENERGY



MedShare

Medtronic



Morgan Stanley



NEWLINK CONSULTING



POLYTANK



San Diego Spine Foundation



SIBL

Simply Creative

ISN/SNF

ISPYMA STAYPOZ NIAPROE STAVROS NIARCHOS FOUNDATION

stryker



STAROIL



TECRES Advancing High Technology



WAI KEE

WEGO 威高



Our Compassion Stories



The cases we have treated are among some of the most severe in the world—many that few surgeons would dare touch. With the support of our dedicated staff, volunteers, generous donors and partners, we are transforming the lives of patients throughout Africa and the world.

The Story of Benedicta

Profile

Name: Benedicta

Age: 16 years old

Gender: Female

Country: Ghana

Severe Idiopathic Kyphoscoliosis



Before



After

FOCOS intervention

Diagnosis:

- Severe Idiopathic Kyphoscoliosis
 - Sideways curvature of the spine along with forward rounding of the back
 - Tilted gait, Difficulty with posture and walking
 - Occasional but significant back pain
 - Difficulty in breathing

Treatment:

- Halo gravity traction for a month
 - Spinal Fusion Surgery along with Thoracoplasty
 - An advanced procedure involving cutting of parts of ribs to allow for the relaxation of the chest wall and better movement of the spine before correction
 - Nutritional Optimization

Outcome:

- Improved posture, walking and standing ability
- Improved self-image and overall health.
- Can breathe with ease, with no complaints of back pain

Total cost of care:

- GH¢ 129,696.00 | US\$ 23,160.00

The Story of Ernest

Profile

Name: Ernest

Age: 21 years old

Gender: Male

Country: Ghana

Neuromuscular Scoliosis



Before



After

FOCOS intervention

Diagnosis:

- Neuromuscular Scoliosis: Curvature of the spine resulting from multiple skeletal defects
 - Inability to walk unassisted due to weakness in legs and arms
 - Inability to fully appreciate sense of touch
 - Shortness of breath

Treatment:

- Halo gravity traction for ten weeks
- Posterior Spinal Fusion
- Nutritional Optimization

Outcome:

- Improved posture and breathing capability
- Improved self-image and overall health
- Can breathe with ease and also sleep well at night
- Better bowel and bladder functionality

Total cost of care:

- GH¢ 129,416.00 | US\$ 23,110.00

The Story of Jonah

Profile

Name: Jonah

Age: 18 years

Gender: Male

Country: Ghana

Arthrogryposis



Before



After

FOCOS intervention

Diagnosis:

- Arthrogryposis: congenital joint contracture in both upper and lower extremity joints
- Unstable gait with club feet
- Inability to grasp or hold objects properly

Treatment:

- Osteotomy of left knee with plates and screws for joint stability
- Fusion of Selected gaps in the joints of the left foot
- Shortening of the right tibia to achieve relatively equal leg length
- Triple arthrodesis of right foot for better stability
- Multiple procedures on right elbow and wrist. Stabilized with plates and screws
- Soft tissue releases on the elbow. Tendon transfers and bone fusions on the wrist

Outcome:

- Improved gait and overall stability
- Improved self-image and overall health
- Improved ability to grasp most objects

Total cost of care:

- GH¢ 213,080.00 | US\$ 38,050.00 (5 surgeries)

The Story of Josephine

Profile

Name: Josephine

Age: 17 years

Gender: Female

Country: Ghana

**Neurofibromatosis
with Thoracolumbar
Scoliosis**



Before



After

FOCOS intervention

Diagnosis:

- Neurofibromatosis with Thoracolumbar Scoliosis
 - Tilted gait
 - Tendency for the spine not to achieve proper fusion
 - Difficulty with posture and walking

Treatment:

- Spinal Fusion Surgery
 - Highly advanced spinal procedure utilizing rods and screws to keep the spine straight
 - Addition of bone graft to the spine to enhance Fusion

Outcome:

- Improved posture and height
- Improved self-image and overall health
- Can sleep well at night

Total cost of care:

- GH¢ 82,376.00 | US\$ 14,710.00

The Story of Latiff

Profile

Name: Latiff

Age: 17 years old

Gender: Male

Country: Ghana

Congenital Scoliosis



Before



After

FOCOS intervention

Diagnosis:

- Congenital Scoliosis
 - Difficulty in breathing
 - Difficulty with posture, gait and walking

Treatment:

- 3 months of HALO Traction
- Spinal Fusion Surgery

Outcome:

- Improved posture, walking and standing ability
- Improved self-image and overall health
- Can breathe with ease and also sleep well at night
- Latiff is back to school and is doing very well

Total cost of care:

- GH¢ 100,673.00 | US\$ 17,977.27

The Story of Jessie

Profile

Name: Jessie

Age: 30 years old

Gender: Female

Country: Ghana

Avascular Necrosis



Before



After

FOCOS intervention

Diagnosis:

- Avascular Necrosis of both hip joints
- Severe pain in the groin and thigh
- Difficulty with posture, gait and walking

Treatment:

- Right total hip arthroplasty
- Left total hip arthroplasty

Outcome:

- Improved posture, walking and standing ability
- Improved confidence level
- Revamped health
- Jessie is back to doing her business and is doing very well

Total cost of care:

- GH¢ 128,352.00 | US\$ \$22,920.00

Facilities & Services



Out Patient Department



Urgent Care



Laboratory



Radiology & Imaging



Endoscopy Suite



Physiotherapy



Dietherapy & Nutrition



State-of-the-Art
Operation Room



Intensive Care Unit

Full service,
modern
orthopedic
hospital
committed to
reshaping and
transforming
the lives of
patients

Call to Action

The high cost of procedures, treatment, and care has excluded more than 85% (mostly children and young adults) of those affected by complex orthopedic conditions from life changing treatment.

FOCOS Orthopedic Hospital is sustained by the benevolence and philanthropy of individuals, organizations, and corporate bodies who share in our vision of making a difference in the lives of thousands of people.

Our commitment is to bring world-class specialized medical care to populations that would never have access to such care.

Your support makes you a partner and an ally to our commitment. Your contribution enables FOCOS to deliver essential orthopedic treatment and care to many patients on our tall waiting list of over 4,000 patients, mostly children.

DONATE

For Ghana domestic transfers/deposits:

Account Name: FOCOS Endowment Fund
Bank: Consolidated Bank of Ghana (CBG)
Account Number: 0211311006781
Branch: World Trade Centre



SCAN TO DONATE

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www.focoshospital.org
E: info@focosus.org
377 Oak Street, Suite 407
Garden City, New York 11530

FOCOS USA

<https://focosghana.org/donate-now>
+233 59 692 0909 / +233 59 692 0902
www.focoshospital.org
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P. O. Box YK 779, Kanda – Accra, Ghana
GPS: GH-GM-109-8032

FOCOS GHANA



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