



ESTABLISHING AND SUSTAINING ACCESS TO TRAUMA AND ORTHOPEDIC SERVICES

EXPERIENCE FROM THE CATHOLIC HEALTH SERVICE IN GHANA

Joseph K. Korpisah, orthopaedic surgeon
St Anthony Hospital Dzodze (V/R) Ghana

Paul Rompa, orthopaedic surgeon,
working in Ghana May/November since 1994

GHANA

- 1471 Goldcoast Portuguese; later Danish, English, Dutch, Prussians en Sweedish; 29 forts
- Surface: 1/2 of France
- population (28,5 million)
- Languages/religions (christians 43%, animists 38%, muslims 12%)
- Schooling/ Health care / English law system
- Infrastructure: (rail)roads, water
- Income: gold; bauxite; cocoa; transit; tourism; electricity
- 6-3-1957 Nkrumah: Republic of Ghana
- 28-4-1992 4^e Republic;
- new constitution; multy party system; freedom of religion





Dr Hein Raat
Ghana
1984-1994



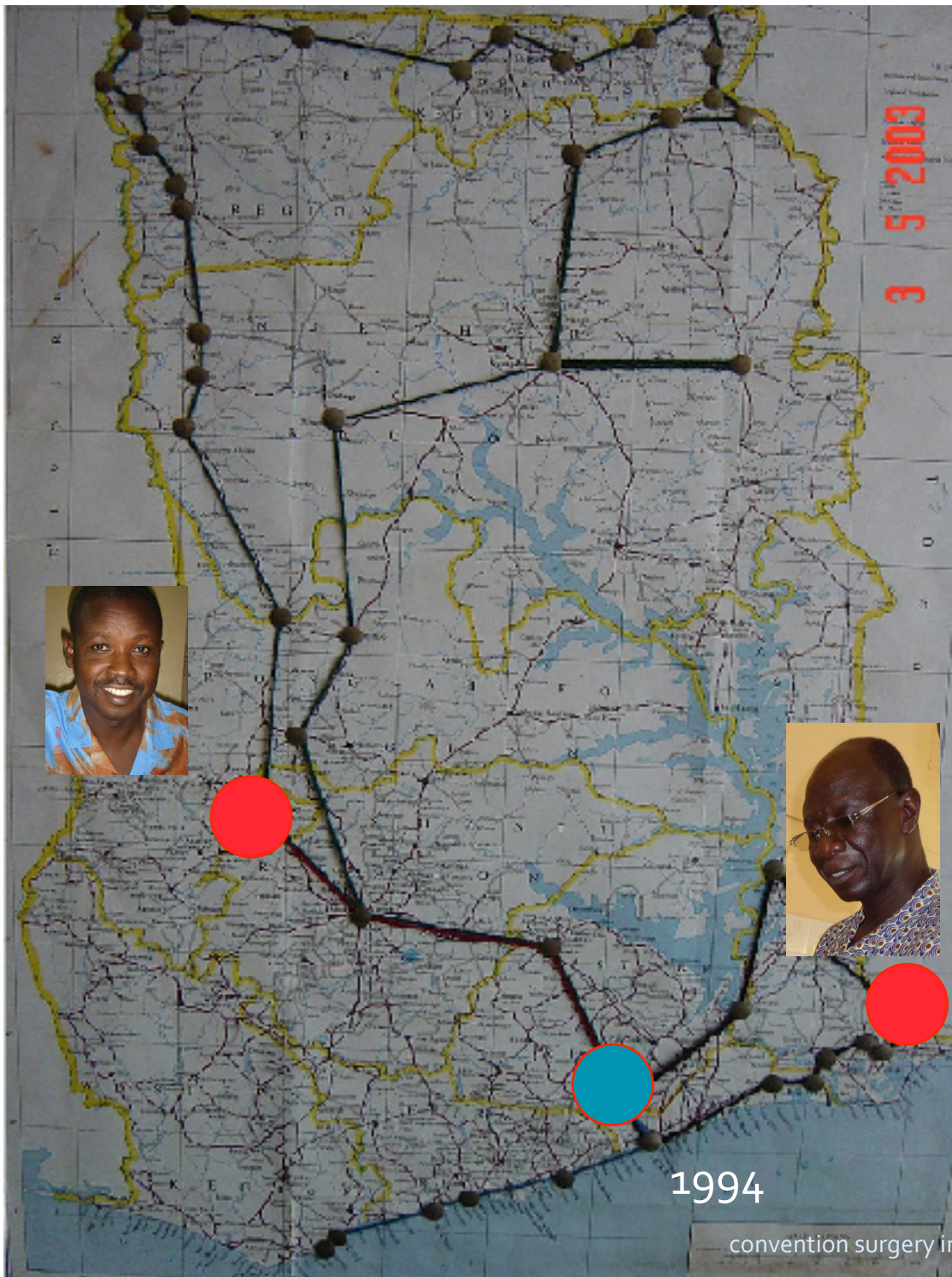
Dr Paul Rompa
1994-today

Brother Tarcisius, founder OTC 1961, died on January 15, 2014



...Pathology...







Dr Moh,
'98-04 Maastricht



Dr Korpisah,
2001-2008 Accra



Dr Tunni,
2007-2011 Uganda



Dr Afatsao,
2005-2009 Ukrain



Dr Ballu, 2008-12
Uganda , 2013-14
Japan



Dr Amesiya,
2010-2014 Uganda

Foundations:

St John
ORION
Retourship
SICOT
Hospitals
Diocese
Private

Orthopeden van Tergooi ontvangen Afrikaanse arts

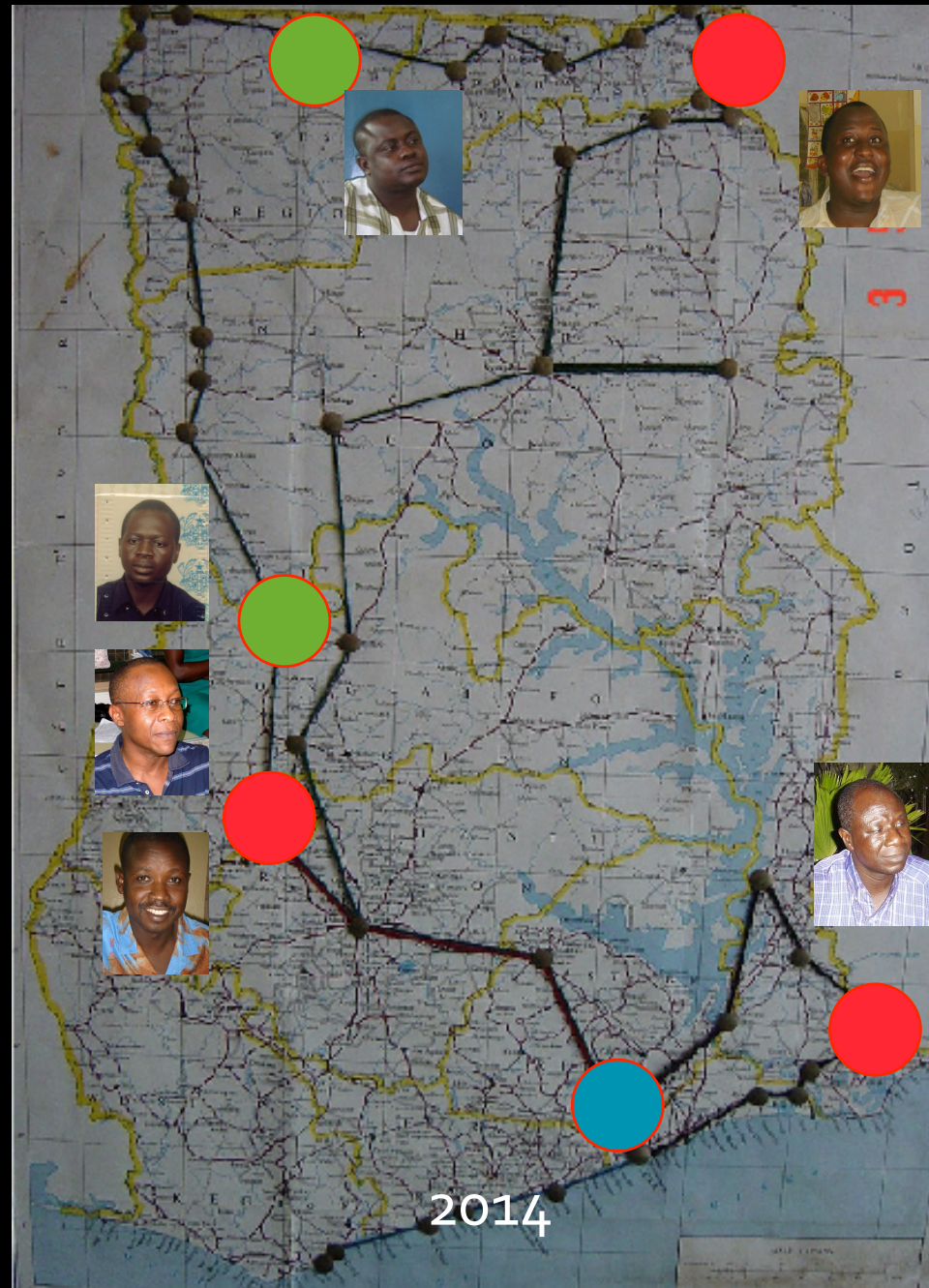


Robert Amesiya uit Ghana poseert trots met zijn tijdelijke 'collega's'. Dankzij Paul Rompa (orthopedisch chirurg n.p.) keek Robert deze zomer mee met de orthopeden in Tergooi om kennis op te doen. Inmiddels is hij weer terug in Ghana.



Frank de Ruijter
De Wildt since 2007

Foundations:
St John Maastricht
ORION Delft
Franciscus Hosp.
Rotterdam
Retourship Den
Haag
Private sponsors
Family



Andre van Ooij
Napoleon Coene
Frank de Ruijter d W
Heleen Staal
Lodewijk van Rhijn
Peter Brouwer
Christian Wurnig
(Vienna)

Saskia Boekhorst
Jop Antonis
Jan Geurts
Anne Margot Roskott
Sharala Sauhan
Freek Hollman

Marcel de Groot
Piet Kop
Adriaan Kop

Physiotherapists
Theatre nurses

What attracted me?

- Precision of the orthopaedic science
- Outcome of some of the surgeries-patient satisfaction
- Admiration of the surgeon.
- The hospital itself



Joseph Korpisah



Saint Anthony Hospital (V/R) Dzodze a well built and nicely situated hospital



St Anthony's Hospital, Dzodze

- 172 bed capacity
- District hospital in the Volta Region
- Population of over 2 million people
- Wide range of Healthcare services:
'preventive health to orthopedic surgery'
- Beside Regional Hospital only hospital offering orthopaedic and trauma services

Orthopaedic services

offered by all 3 orthopaedic hospitals:

- **Trauma-**
 - Open fractures, Fracture Non-Unions, Malunions, Neglected Dislocations
- **Bone Infections -**
 - Osteomyelitis, TB
- **Corrective surgeries-**
 - for knee deformities varus /valgus, neglected clubfeet,
- **Bone Tumours**
- **Limited Plastic surgery –**
 - SSG, Flap cover minor polydactyly, syndactyly



After getting the skilled personnel you (surgeon) also need

- A willing and motivated support staff:
- Your theatre personnel
- Anesthesia,
- Physiotherapy,
- Laboratory,
- Radiographers
- Equipment Technicians



Establishing Basic Infrastructure

Renovation - *Friends of Dzodze*

Basic necessary changes:

- Seperate entry patients / staff
- Add minor theatre
- Scrub place with elbow taps
- Isolation / air conditioning
- Proper sluice room
- Rest room for staff
- Coffee room for doctors



Basic Equipment - No Hi-tech yet

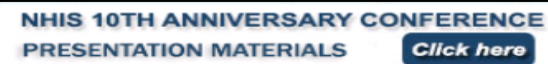
Bought by Hospital from their IGF (Internally generated funds)

- External fixations
- Large fragment set
- Small fragment set
- DHS set
- Hemiarthroplasty set
- Basic IM (Intramedullary nailing)
- Tension band wiring
- Drills –air, electric, manual
- Other donated equipment & instruments

The financial barrier to surgical care

- Provide access to surgical care at lowest possible cost
 - Government-healthcare policy
 - National Health Insurance 2003
 - Supply of Medical equipment; Digital X-rays; C-arm Doppler USG arthroscopy machine...





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National Health Insurance Authority

NHIS STAKEHOLDER DIALOGUE
Theme:
"An Equitable and Sustainable Benefits Package Based on Evidence"

Date: 23rd & 24th October 2014
Venue: La Palm Royal Beach Hotel
Time: 8:00 am each day

Sponsors:



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NEWS Auditor General's findings pre dated my appointment – NHIA Chief [More news >>](#)

OUTPATIENT SERVICES INPATIENT SERVICES ORAL HEALTH MATERNITY CARE EYE CARE EMERGENCIES

BENEFITS



Consultation including reviews. These include both general and specialist consultations
 Requested investigations including laboratory investigation, x-rays and ultrasound scanning for general and specialist out-patient services
 Medication, namely, prescription drugs on National Health Insurance Medicines List, traditional medicines approved by the Food and Drugs Board and prescribed by accredited medical and traditional practitioners
 HIV/AIDS symptomatic treatment for opportunistic infection
 Out-patient/Day Surgery Operations including hernia repairs, incision and drainage, haemorrhoidectomy
 Out-patient Physiotherapy

Delivering Quality surgical Care with limited resources

'Safe, effective, timely, efficient, patient centered care to all those who need it...'

- EFFECTIVE;- Applying Scientific knowledge
- TIMELY;- Reducing delays
- PATIENT CENTERED;- Considering preferences, needs, values
- EFFICIENT;- Avoiding waste
- SAFETY;- Avoiding injury
- EQUITABLE;- Reducing disparity. Treating every person that needs treatment



The ultimate reward for all your efforts is the construction of a new Orthopedic Pavilion (with the help of SBG St Francis Hospital Rotterdam, and Stichting Retourship Voorburg)

RECOMMENDATIONS

- **Collaboration:**
 - Local Health Authority & International Donors & local Government
 - Involve local Doctors / permanent specialist
 - Regular consulting expatriate specialist
 - Improving local doctors capacities with training programs
- ***Consider other areas supporting surgery :***
 - Infection control
 - Anesthesia
 - Lab services with blood –facilities
 - Infrastructure and equipment management /maintenance
 - Qualified technicians
 - Train local technicians in maintenance schedule

‘The actual access to surgical treatment is inadequate and the need for access to orthopaedics & trauma services is DESPERATE...’



