



# **Cape Coast Teaching Hospital Ghana Experience**

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# Cape Coast Teaching Hospital (CCTH)

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- 400-bed capacity tertiary referral centre on southern coast of Ghana
- Hospital established in 1998 as a regional hospital and upgraded to teaching hospital in 2014
- General internal medicine and sub-specialties, General Surgery and sub-specialties, Obstetrics and Gynaecology, Paediatrics
- Training center for medical students, nurses and other allied health professionals



# Hepatitis B Clinic

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- CCTH Viral Hepatitis Clinic established in 2009 by a medical officer with interest in HIV
- Current clinic team
  - General Internal Medicine Specialist
  - Medical officer
  - Clinic nurse
  - Other: pharmacist, laboratorian
- Once a week clinic with 12-15 patients booked per each clinic day



# Hepatitis B Clinic

- Patients may be referred to Hep B clinic from
  - Clinician-initiated screening
  - Blood donation services
  - Antenatal clinic
  - Other clinics in the hospital – e.g. pre-surgical, HIV
  - Self-referral after Opportunistic screening
  - Annual world hepatitis day screening in hospital and surrounding communities



Photo credit: Yvonne Nartey

# CCTH Hepatitis B Clinic 2023 summary

	Frequency	Percent
Total patients seen in clinic	587	
Total number of old patients	438	74.6
Total number of new patients	149	25.4
Total number of adults	567	96.6
Total number of children	20	3.4
Total number of pregnant women	21	3.6



Republic of Ghana

# NATIONAL GUIDELINES FOR PREVENTION, CARE AND TREATMENT OF VIRAL **HEPATITIS**

March 2017



MINISTRY OF HEALTH



# PREVENTION OF MOTHER-TO-CHILD TRANSMISSION OF HEPATITIS B VIRUS: GUIDELINES ON ANTIVIRAL PROPHYLAXIS IN PREGNANCY

JULY 2020



# Guidelines for the prevention, diagnosis, care and treatment for people with chronic hepatitis B infection

March 2024

# Decentralising and expanding HBV services

- HBV services in Polyclinics Initiative initiated by the Ghana Association for the Study of Liver and Digestive Diseases (GASLIDD)
  - In partnership with WHO Ghana country office and National Viral Hepatitis Control Programme
- Training of HCW from three polyclinics to run weekly or monthly hepatitis clinic
  - Medical officers, nurses, health information, lab
- Teams contact/consult with assigned gastroenterologist for discussion of difficult/complex cases or for referral to larger centers
- Clinics began in February / March 2023

# Decentralising and expanding HBV services

HEALTHCARE WORKER WORKSHOP ON PREVENTION OF MOTHER-TO-CHILD TRANSMISSION OF HEPATITIS B





# Decentralising and expanding HBV services

## HEALTHCARE WORKER WORKSHOP ON PREVENTION OF MOTHER-TO-CHILD TRANSMISSION OF HEPATITIS B



**WHATSAPP WAS USED TO SUPPORT DECISION-MAKING AT THE RURAL LEVEL WITH THE HELP OF A CONSULTANT HEPATOLOGIST**

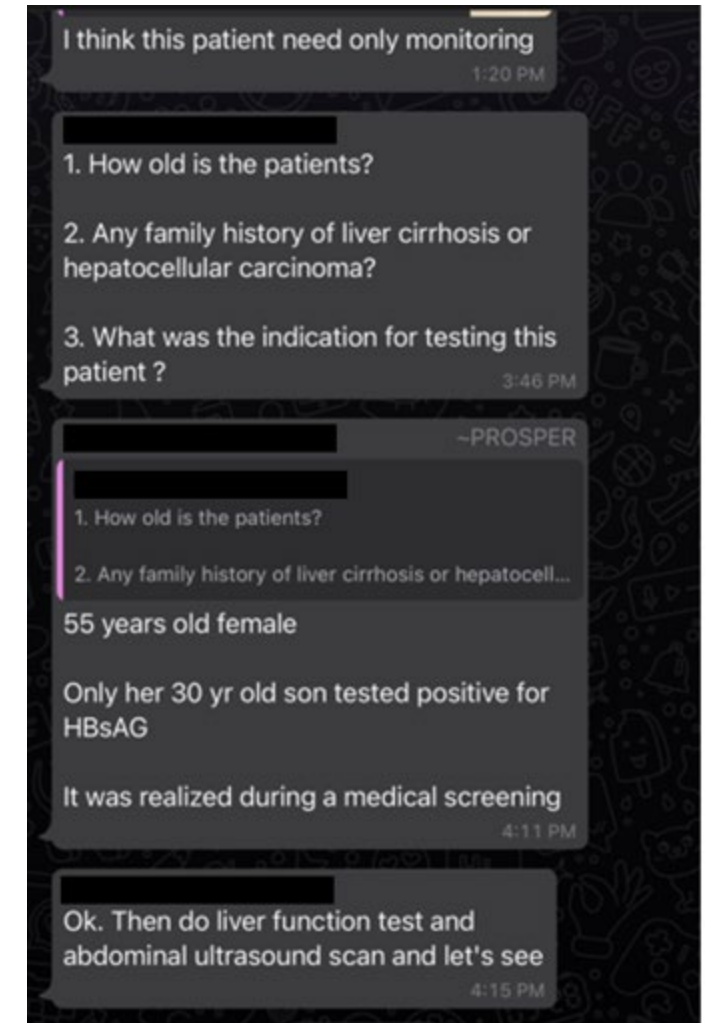


Photo credit: Yvonne Nartey

# Hepatitis B-related Research in CCTH

- Evaluating Healthcare worker knowledge on PMTCT and implementation of HBV PMTCT training for HCWs in Ghana
- Clinical characteristics and antiviral treatment eligibility of newly diagnosed hepatitis B patients
- Challenges associated with treatment initiation for newly diagnosed patients with hepatitis B
- Assessing vaccination response among HCWs
- Determining prevalence of occult HBV infection
- Hepatitis Evaluations to Amplify Testing and Treatment (HEAT)

# Further research

- Optimal models for decentralisation of Hepatitis B services in Ghana
- Potential barriers and facilitators to treatment access and decentralised care
- Impact and implications of new expanded treatment guidelines for the health service and for patients
- Tools to follow-up and monitor patients at different levels of the healthcare system

# Thank you

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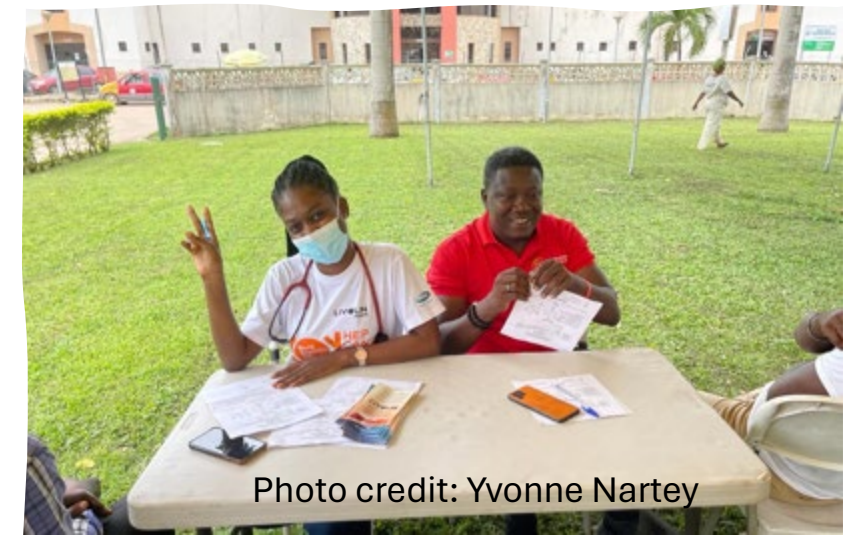


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