



COMMONWEALTH  
**PHARMACISTS**  
ASSOCIATION

# Transforming Antimicrobial Stewardship

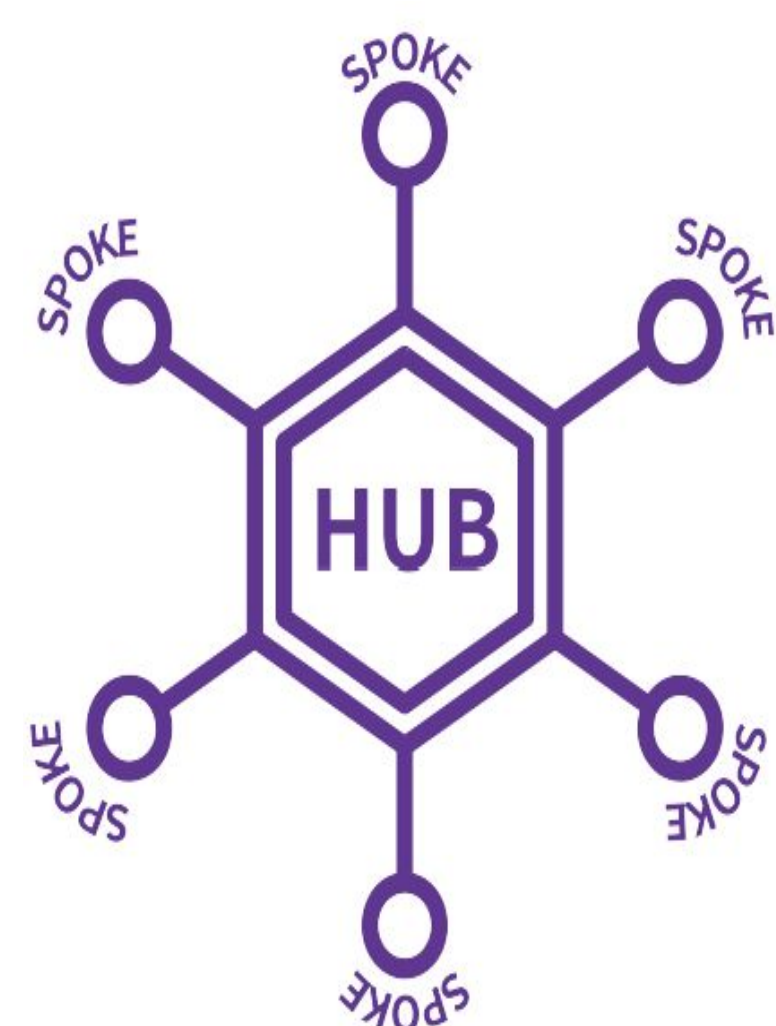
Empowering Hub and Spoke Global Health  
Partnerships to Combat AMR Across Borders

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## Overview

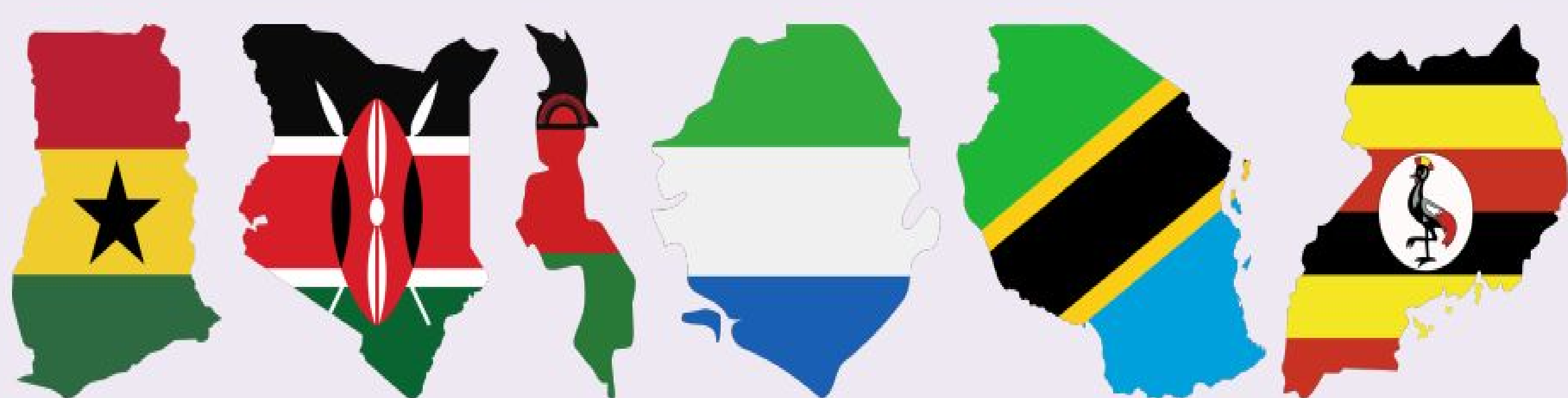
The Commonwealth Partnerships for Antimicrobial Stewardship (CwPAMS) has aimed to build antimicrobial stewardship (AMS) capacity in low/middle-income countries (LMICs) through health partnerships with the UK since 2019. In the second phase of the programme (CwPAMS 2, 2023-2025) the hub and spoke model (HSM, Fig 1) was adopted by eight health partnerships to promote strengthening and use of already established local AMS expertise to scale up and sustain the ongoing achievements of the CwPAMS programme in participating countries (Fig 2).



**Fig 1:** The Hub and spoke model

## Aim

Use the HSM to enhance AMS practices across CwPAMS countries by leveraging the expertise of established 'hub' sites to support and mentor 'spoke' sites.



**Fig 2:** Flags and borders of CwPAMS HSM HPs: Ghana, Kenya, Malawi, Sierra Leone, Tanzania and Uganda

## Future work

- ♦ Creating structures for sustainable/continuous supply of skilled AMS workers, facilitating the spread of knowledge and skills throughout the healthcare system by promoting a train-the-trainer approach.
- ♦ Continue focusing on strengthening data-driven AMS planning across the network of hubs and spokes with emphasis on continuous quality improvement (cQI).
- ♦ Expanding further into communities where antibiotics are widely used and treatment challenged by substandard and/or falsified medicines.
- ♦ Continue ensuring long-term sustainability of AMS efforts as part of CwPAMS through strategic engagement with national stakeholders.

## Impact

Eight hubs onboarded a total of 39 spoke sites and cascaded their expertise in tackling AMR through the development and dissemination of capacity and capability building interventions in local health facilities in Ghana, Kenya, Malawi, Sierra Leone, Tanzania, and Uganda (Fig 2), offering unique learning opportunities and the motivation for healthcare workers to improve AMS practices.

### Creating local AMS Committees/structures



### A team is as strong as its weakest link



### Over 80L of alcohol gel manufactured on-site



### Training healthcare workers across the 39 spokes



### Becoming Antibiotic Guardians



### Celebrating and recognising exemplary work



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