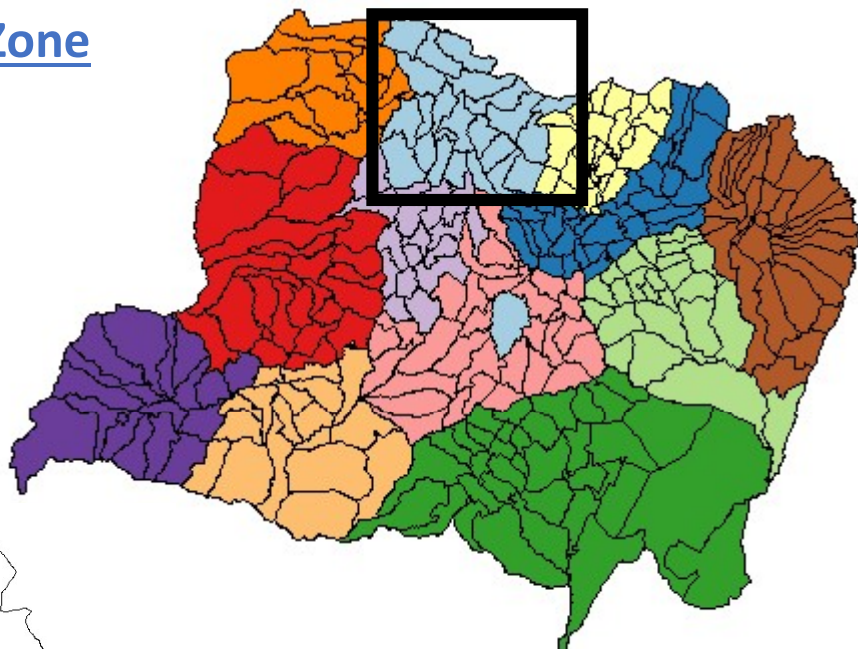


The Geshiario Project

Wolaita Zone

Ethiopia



- Deworming programme for both soil-transmitted helminths (STH) and schistosomiasis (SCH) infections
- Wolaita Zone, Southern Nations and Nationalities People's Region (SNNPR)
 - 15 districts (woredas)
 - Population of approximately 1.9 million
- **Aim:** Developing a scalable and cost-effective model of interventions for the interruption of transmission of STH and SCH leading to the cessation of MDA for disease control
- The Geshiario programme is building on BGMF funded research of the Tumikia and DW3 projects



Uncinaria stenocephala



Hookworm



Schistosoma Mansoni

Geshiario: Beyond MDA

Can a combination of expanded, community wide MDA and WASH with BCC decrease prevalence of infection below 2% at a kebele level, in 4 years?

Can MDA for STH and SCH end in Volaita? Can gains in WASH within a community be maintained?



What is the added benefit of WASH? Of BCC? Do they hasten reduction of infection when combined with MDA?

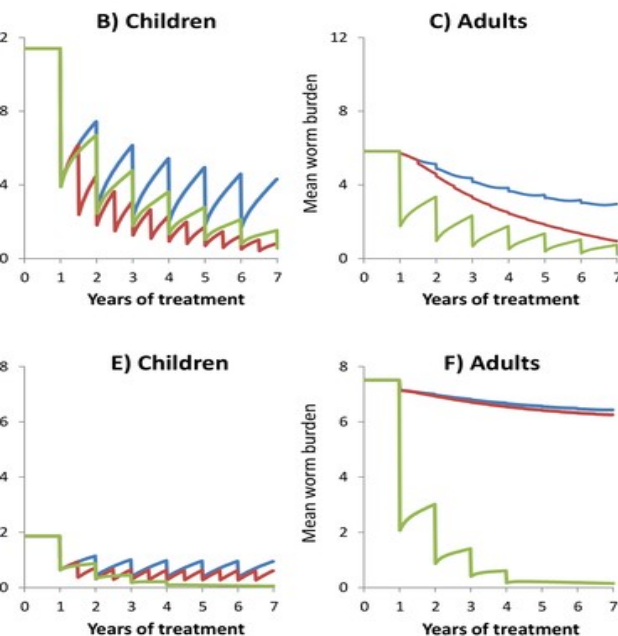
Can good, long-term compliance to treatment be achieved?

What does a nationally scalable and cost-effective model of interventions based on lessons learnt from Geshiario look like?

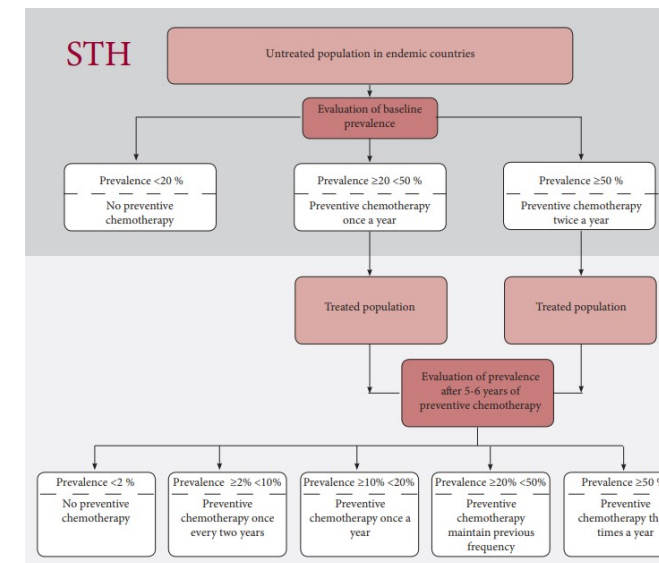


Can significant progress towards elimination be achieved through a national programme?

Does this have implications for existing guidelines? Potential policy recommendations?



Source: Anderson RM, Turner HC, Truscott JE, Hollingsworth TD, Brooker SJ (2015) Should the Goal for the Treatment of Soil Transmitted Helminth (STH) Infections Be Changed from Morbidity Control in Children to Community-Wide Transmission Elimination? PLoS Negl Trop



Geshiario: Barcodes and Biometrics

There are several indicators that require us to be able to accurately link individual data over multiple time points:

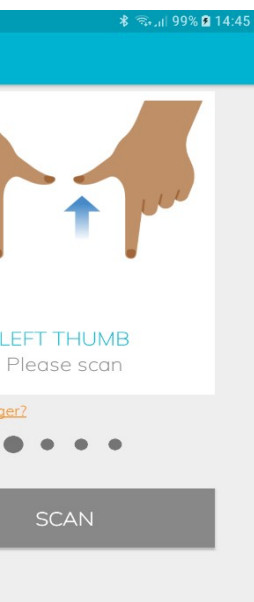
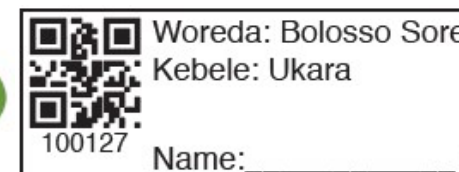
Census data (age, sex, household WaSH, SES etc.)

Parasitological mapping

MDA (did/did not take treatment) for detailed compliance data

ID CARD AND QR CODE

BIOMETRIC




simprints
every person counts

