How do we know which areas within a country need treatment?

Dr Fiona Fleming  
MRC Director

Neerav Dhanani  
Biostatistician

 Mapping  
Impact monitoring & re-assessments  
Update treatment strategy

Re-assessing the distribution of schistosomiasis around Lake Victoria

- Lake Victoria is a known source of schistosomiasis infection for those who live near it and work and play in it.

- Following 10 years of treatments around the lake, the Ministry of Health in Uganda, decided to re-assess the distribution of schistosomiasis and to evaluate changes needed in the treatment strategy for 8 districts in and around Lake Victoria.

Developing a map of schistosomiasis infection levels

- Identify parishes that fall <5km, 5km-10km and >10km from Lake Victoria

- Extract all the schools that fall within these areas

- Randomly select the schools for the survey
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Taking and analysing samples

Field labs set up in selected schools

Approximately 50 students selected to provide stool samples

Stool samples assessed for infection and results analysed by the Ministry of Health and SCI

Results

Conclusions

- Levels of intestinal schistosomiasis remain higher in communities closer to the lake.
- However, the prevalence of intestinal schistosomiasis has reduced over 10 years of treatment.
- There are areas with intestinal schistosomiasis that have been identified as requiring treatment, which had not previously been treated through the national programme.