Overview

The diseases...

Shared characteristics

- Complex, lengthy and expensive interventions.
- WHA mandate for control (BU), elimination (LF & leprosy) and eradication (yaws).

Skin presentations...

Integrated Control and Management of Neglected Tropical Skin Diseases

- Oriel Miga, Michael Marke, Laia Bertran, Karer Kolbe, Daniel Argaw, Ahmad H. Fawzi, Christopher Patrick, Pia Krull, Gabriela Conti, Gustavo A.

Photos courtesy of Michael Marks/Zeela Zaizay/WHO
Challenges...

Rare diseases (can be less than 1 per 10,000 population).
Proportionately affect remote communities.
Unquantified burden.
Reliant on routine and passive data sources.

Possible solutions...

Successes with dual integrated mapping of NTDs:
- Podoconiosis & LF (Ethiopia).
- Yaws & Trachoma (Solomon Islands).
- Podoconiosis & Yaws (Cameroon).

Active community screening
- Buruli ulcer community screening (Benin).
- TB control programmes.
Aim: Generate accurate and spatially referenced burden estimates of unquantified CMNTDs.

Two stage cluster-randomised mapping protocol.

100% integration within routine health system.

Pre-survey

Step 1: Community randomisation

Step 2: Expert verification (All suspected)
Maryland County
Population 169,896
24 health facilities
313 CHV catchments areas

Acknowledgments
Tarnue Mulbah
Romeo Giddins

Total sample: 48,000
Primary sampling units
(3-4 clusters each)
Secondary sampling units
(80 clusters)
80 clusters
600 people per cluster
4-stage rollout over 6 health districts

- Rafael Pullan
- Michael Marks
- Kate Halliday
- Anna Wickenden