Mobile Health Diagnostic: Collaborate to innovate

Collaboration between ICRC-SwissTPH, MSF and Tdh to design innovative solutions of Mobile health e-diagnostic

Context

Child mortality is an issue that many developing countries struggle to fix. In Burkina Faso, Nearly 1 in 10 children dies before the age of five. Digital health is the most promising opportunity to improve healthcare delivery, particularly through decision-support tools. Numerous initiatives in the digital space have emerged in the last years, most of which remain at the pilot level. Many challenges undermine efforts to design and scale the use of digital tools in those settings.

Mobile Health Diagnostic technology

ICRC - SwissTPH, MSF and Terre des hommes each developed a mobile technology to guide health care workers diagnosing children. These innovative online supports bring significant improvements to diagnostic in medical care across Nigeria, Burkina Faso, Central African Republic, and Afghanistan.
Collaboration

In view of these challenges, Médecins Sans Frontières (MSF), Terre des Hommes (Tdh) and the International Committee of the Red Cross (ICRC) in partnership with the Tropical Institute of Basel (SwissTPH), recognized the need to increase the sharing of expertise and work towards stronger collaboration.

Innovative solutions

This partnership enables leading humanitarian organisations find innovative solutions to common challenges, enhance their health e-diagnostic tools, identify common factors of risks, mitigating measures and guidelines for humanitarian organisations.

Working together on common challenges

A first series of thematic workshops on Mobile Health Initiatives were launched in order to increase the sharing of experiences and expertise around the specific challenges of Data protection, coaching, implementation, algorithm and technology.

Measuring impact & common guidelines

With GHL facilitation and fundraising support, ICRC, Tdh and MSF are exploring a Data Protection Impact Assessment (DPIA) on the use of Mobile Health Technologies for humanitarian organisations, with a specific focus on the tools used by the three organisations.

It will help to enhance each organisation’s programs, identify common factors of risks, mitigating measures and guidelines for humanitarian organisations. GHL will also contribute with the elaboration of a lessons learnt document of the three organisations’ experience.

Scaling specific innovative solutions

GHL is also supporting its partners to scale innovative solutions. Terre des hommes is wishing to scale their advanced mHealth intervention to improve quality of care deployed in rural primary healthcare centers in sub-Saharan Africa.
In partnership with the Global Humanitarian Lab, Tdh plan to adapt and extend the intervention to other Sahelian countries, starting with North Mali and Mauritania, in context of chronic humanitarian crises.

Key Drivers

The target of this project is to:

- Facilitate co-ordination between humanitarian agencies to reduce duplication, share lessons learned
- Disseminate good practice & common guidelines beneficial to other humanitarian actors
- Increase the capacity to scale humanitarian innovations as well as common pilots.
- Increase the probability of sustainable, empowering and effective solutions

Data

<table>
<thead>
<tr>
<th>June 2017</th>
<th>Early 2018</th>
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</thead>
<tbody>
<tr>
<td>300 Clinics Using Mobile Health Tablets Worldwide</td>
<td>600 Clinics Using Mobile Health Tablets Worldwide</td>
</tr>
<tr>
<td>1800 + Health professionals using e-diagnostic mobile health tools</td>
<td>3400 + Health professionals using e-diagnostic mobile health tools</td>
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<tr>
<td>1 million + consultations recorded</td>
<td>120'000/month guided consultations</td>
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For more information

Please contact elisabeth@globalhumanitarianlab.org
The Global Humanitarian Lab (GHL) is a cross-sector platform accelerating humanitarian Innovation. [www.globlahumanitarianlab.org](http://www.globlahumanitarianlab.org)