Tackling COVID -19: A Proposed Policy for Success in Uganda

Kuleni Abebe
Mali Clari
Felicia Lim
Sreeja Kalapurakkel
Thais Ramirez
Robert Rolfe
Sijia Wei
Siddhesh Zadey
COVID-19 Epidemiology

Outbreak Situation as of 4/9/2020:

- Confirmed Cases: 53
- Confirmed Deaths: 0
- Individuals Tested: 1,271

Source: Uganda Ministry of Health, 2020
How prepared is Uganda: the Healthcare System
the administrative and service delivery arrangements#

# - The Alliance for Health Policy and Systems Research, WHO(2017)
How prepared is Uganda: Health System Indicators

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Value</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Workers (per 1,000)</td>
<td>0.7</td>
<td>Green</td>
</tr>
<tr>
<td>No. of beds (per 1,000)</td>
<td>0.9</td>
<td>Yellow</td>
</tr>
<tr>
<td>% facilities (n = 198) with ‘High’ or ‘Very high’ standing for capacity of infection prevention</td>
<td>76</td>
<td>Red</td>
</tr>
<tr>
<td>% facilities with ‘Good’ or ‘Very good’ capacity to offer emergency services</td>
<td>23</td>
<td>🙁</td>
</tr>
<tr>
<td>% People with basic hand-washing facilities (%)</td>
<td>21</td>
<td>😊😊</td>
</tr>
</tbody>
</table>

*High healthcare disparities across wealth quintiles*

# - Uganda Hospital and Health Centre IV Census Survey (2014)
$ - wasdata.org (2017)
<table>
<thead>
<tr>
<th>Function</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity to Prevent</td>
<td>28</td>
</tr>
<tr>
<td>Capacity to Detect</td>
<td>87</td>
</tr>
<tr>
<td>Capacity to Respond</td>
<td>63</td>
</tr>
<tr>
<td>Enabling Function Index</td>
<td>44</td>
</tr>
<tr>
<td>Operational Readiness</td>
<td>54</td>
</tr>
</tbody>
</table>

Green 😊😊
Yellow 😐
Red ☹️

# - Calculations as per Kandel et al., 2020, Lancet Global Health
Image Source: Gilbert et al., 2020, Lancet Global Health
High Power
- President, Minister of Health, Ministry of Gender and Social Development, UN Agencies, NGOs

Medium Power
- Healthcare workers, Community Health Workers (CHWs)

Low Power
- Essential business owners, Citizens

High Interest
Current Policy and Presidential Guidelines

1) Prevention of community spreading
   a) Border surveillance, testing and contact tracing
   b) Curfew time, transportation restrictions
   c) Prohibition of gatherings

2) Preparation of Human Resources

3) Decentralization of management of COVID19 cases
**Current Implementation Plan:**

**Surveillance & Tracking**

- **Patient**
  - Call
  - District Health Office (DHO)
  - Village Health Team

- **Lab Specialist**

- **Surveillance Focal Person**

- **Hub System**

- **Uganda Virus Research Institute (UVRI)**

- **Rapid Response Team**
Patient
COVID-19+

Mild Cases → Health Center IV

Moderate Cases → General Hospital

Severe/Critical Cases → Regional Hospital

EvsfouK qm foubujpo Rhob Obobhfn fou

Vqe buf eCqsjm4. 4242
Proposed Policy

A) Training of Community Health Workers (Village Health Team)

B) Cash Transfers

C) Inclusion of NGOs in feedback system
Implementation of Proposed Policy

Public Health Education
- Village Health Team

Cash Transfer
- Ministry of Gender, Labor, Social Development

Feedback
- Health System
- NGOs & CSOs

Surveillance Focal Person
...but the good news is that everyone is a potential solution.”

—Bobi Wine (Ugandan artist, activist, and parliamentarian)

THANK YOU!