Strategies to support the COVID-19 response in LMICs
A virtual seminar series

Screening, Triage, and Patient Flow

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Summary/Key Points:

**Preparation:**
- Establishment of a core team and key internal and external contact points
- Human, material and facility capacity
- Communication and data protection
- Hand hygiene, personal protective equipment (PPE), and waste management
- Triage, first contact and prioritization
- Patient Flow
- Environmental cleaning

**Screening:** should be easy for lay people to implement. Current JHU Screening:
- Documented or reported fever
- Shortness of breath
- Cough
- Sore throat
- Muscle aches (myalgia)
- New loss of sense or taste
Having one of the above Influenza-like illness criteria = COVID ISOLATION

**Triage:**

<table>
<thead>
<tr>
<th>Severity</th>
<th>Clinical Signs</th>
<th>Progression of Clinical Syndrome</th>
<th>Management Escalation Strategy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mild</td>
<td>Normal O₂ sat</td>
<td>Uncomplicated URI</td>
<td>Symptomatic treatment and monitoring with self-quarantine at home</td>
</tr>
<tr>
<td>Moderate</td>
<td>RR&gt;30 and O₂&lt;93%</td>
<td>Severe pneumonia</td>
<td>Oxygen therapy and monitoring + treatment of co-infections</td>
</tr>
<tr>
<td>Severe</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Critical</td>
<td>ARF and/or shock</td>
<td>Acute Respiratory Distress Syndrome and/or Sepsis and/or Shock</td>
<td>Treatment of ARDS + Prevention of complications + treatment of septic shock</td>
</tr>
</tbody>
</table>

**Other Considerations:**
- Proper PPE and donning and doffing technique is essential

Online resources:
- AFEM’s Resource Page
- Checklist for hospitals preparing for the reception and care of COVID-19 patients
- Cerner COVID-19 Surge Capacity Guide
- COVID-19 Severity Scoring Tool for Low Resource Settings
- SURGISPHERE Severity Scoring Tool