**Table 1: NEW pediatric fixed-dose combination dispersible tablet dosing for rifampicin, isoniazid, pyrazinamide (RHZ) and rifampicin, isoniazid (RH)**

<table>
<thead>
<tr>
<th>Weight band</th>
<th>Number of tablets daily</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Intensive phase</td>
</tr>
<tr>
<td></td>
<td>RHZ 75/50/150 mg</td>
</tr>
<tr>
<td>4 - 7 kg</td>
<td>1</td>
</tr>
<tr>
<td>8 - 11 kg</td>
<td>2</td>
</tr>
<tr>
<td>12 - 15 kg</td>
<td>3</td>
</tr>
<tr>
<td>16 - 24 kg</td>
<td>4</td>
</tr>
<tr>
<td>25+ kg</td>
<td>Adult dosages recommended</td>
</tr>
</tbody>
</table>

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### PREVENT TB

- ALL CALHIV should be screened for active TB disease when newly diagnosed with HIV and at every clinical encounter (see Figure 3).
  - If CALHIV screen negative for TB, TB preventive therapy should be started right away if 1 year or older.
  - CALHIV who screen positive for TB but are found not to have TB should be given TB preventive therapy as soon as possible regardless of age.
- Isoniazid preventive therapy (10mg/kg/day – see dosing in Table 2). If children living with HIV without active TB disease who are either ≥ 1 year of age and have a TB contact should be given 6 months of isoniazid along with pyridoxine (5-10mg/day). The pyridoxine dose should be increased if symptoms of peripheral neuropathy occur.
  - WHO recommends that adolescents living with HIV in high TB prevalence settings receive a minimum of 36 months of isoniazid.

### Infection control

- Open windows in waiting room or have open air clinics.
- Adults and older children with cough should be triaged and separated from other patients.
- Look for TB contacts and provide HIV testing services for household and close contacts of CALHIV.

### Drug-resistant TB

- Work with patients and families to promote adherence while on first-line regimens to prevent development of drug resistance.

### Figure 2: NEWLY available pediatric fixed-dose dispersible tablets on the right are an improvement over inadequate pediatric treatment formulations on the left. Photo credit: TB Alliance

### Figure 3: TB screening and prevention adapted from 1-8

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### REFERENCES