## Late or Lack of Vaccination after Angola Outbreak Linked to Yellow Fever, China

### Technical Appendix

**Technical Appendix Table 1.** General characteristics of the case-patients in China who had confirmed diagnoses of yellow fever after being in Angola during the 2015–2017 outbreak (n = 10)

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>No.</th>
<th>median</th>
<th>Range (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male gender</td>
<td>7</td>
<td>(70)</td>
<td></td>
</tr>
<tr>
<td>Age (years)</td>
<td>41</td>
<td></td>
<td>(17–60)</td>
</tr>
<tr>
<td>Duration of stay in Angola</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;1 y</td>
<td>4</td>
<td>(40)</td>
<td></td>
</tr>
<tr>
<td>1–3 y</td>
<td>1</td>
<td>(10)</td>
<td></td>
</tr>
<tr>
<td>3–5 y</td>
<td>2</td>
<td>(20)</td>
<td></td>
</tr>
<tr>
<td>&gt;5 y</td>
<td>3</td>
<td>(30)</td>
<td></td>
</tr>
<tr>
<td>Place of diagnosis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beijing</td>
<td>5</td>
<td>(50)</td>
<td></td>
</tr>
<tr>
<td>Fuzhou</td>
<td>5</td>
<td>(50)</td>
<td></td>
</tr>
<tr>
<td>Month of symptom onset</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>March 2016</td>
<td>9</td>
<td>(90)</td>
<td></td>
</tr>
<tr>
<td>April 2016</td>
<td>1</td>
<td>(100)</td>
<td></td>
</tr>
<tr>
<td>History of yellow fever vaccination</td>
<td>6</td>
<td>(60)</td>
<td></td>
</tr>
<tr>
<td>Days of hospitalization</td>
<td>16</td>
<td>(11–52)</td>
<td></td>
</tr>
<tr>
<td>Deceased</td>
<td>1</td>
<td>(6)</td>
<td></td>
</tr>
</tbody>
</table>

**Technical Appendix Table 2.** Clinical and epidemiologic characteristics of yellow fever cases imported to China from Angola in March and April 2016 (n = 10)

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Case-patient No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A) Epidemiologic history</td>
<td></td>
</tr>
<tr>
<td>Date of arrival in China</td>
<td>3/9</td>
</tr>
<tr>
<td>Date of symptom onset</td>
<td>3/8</td>
</tr>
<tr>
<td>Date of hospital admission</td>
<td>3/10</td>
</tr>
<tr>
<td>Date of confirmed diagnosis</td>
<td>3/16</td>
</tr>
<tr>
<td>Previous vaccination</td>
<td></td>
</tr>
<tr>
<td>Interval from vaccination to symptom onset</td>
<td>NA</td>
</tr>
<tr>
<td>B) Clinical signs and symptoms</td>
<td></td>
</tr>
<tr>
<td>Fever</td>
<td></td>
</tr>
<tr>
<td>Highest temperature recorded °C</td>
<td>39.3</td>
</tr>
<tr>
<td>Days of fever</td>
<td>1</td>
</tr>
<tr>
<td>Hemorrhage</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
<tr>
<td>Symptoms</td>
<td></td>
</tr>
<tr>
<td>Shock</td>
<td></td>
</tr>
<tr>
<td>Days in hospital</td>
<td>6</td>
</tr>
<tr>
<td>Outcome</td>
<td>Died on day 9</td>
</tr>
<tr>
<td>Characteristic</td>
<td>1</td>
</tr>
<tr>
<td>--------------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>C) Laboratory findings at diagnosis</td>
<td></td>
</tr>
<tr>
<td>Hemoglobin (g/dL)</td>
<td>16.1</td>
</tr>
<tr>
<td>Leukocyte (×10^9/L)</td>
<td>6.23</td>
</tr>
<tr>
<td>Platelet count (×10^9/L)</td>
<td>70</td>
</tr>
<tr>
<td>ALT (U/L)</td>
<td>11425</td>
</tr>
<tr>
<td>AST (U/L)</td>
<td>21467</td>
</tr>
<tr>
<td>Total bilirubin (umol/L)</td>
<td>100.6</td>
</tr>
<tr>
<td>GGT (U/L)</td>
<td>ND</td>
</tr>
<tr>
<td>CK (U/L)</td>
<td>670.2</td>
</tr>
<tr>
<td>Creatinine (μmol/L)</td>
<td>650.1</td>
</tr>
<tr>
<td>BUN (mmol/L)</td>
<td>19.33</td>
</tr>
<tr>
<td>IL-6 (pg/ml)</td>
<td>182.6</td>
</tr>
<tr>
<td>CD4(cells/ul)</td>
<td>155</td>
</tr>
<tr>
<td>D) Urine virus sequence detection</td>
<td></td>
</tr>
<tr>
<td>Days from symptom onset</td>
<td>8</td>
</tr>
<tr>
<td>Result (CT value)</td>
<td>33.5</td>
</tr>
</tbody>
</table>

NA, not applicable; ND, no data; *, U, undetectable; H, headache; D: dizziness; M: myalgia; J: jaundice; V: vomiting; F: fatigue.