COVID-19: When Choir Practice Goes Viral

SARS-CoV-2 is highly transmissible. The possibility of superemitters, who release more aerosol particles than others, combined with potential high-shedding activities (e.g., choir practice) could lead to superspreading events.

### Choir Members & Practice Description

- **61 members at 3/10 practice**
- **6 - 12 in Distance between members**
- **69 Median age**
- **2.5-hour long practice**
- **3 days Median time to symptom development**
- **Included shared food & close contact**

### Timeline of Events

<table>
<thead>
<tr>
<th>Date</th>
<th>3/10</th>
<th>3/11</th>
<th>3/16</th>
<th>3/17</th>
<th>Total (By 3/26)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Date</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>32</td>
</tr>
<tr>
<td><strong>Positive Test</strong></td>
<td>0</td>
<td>0</td>
<td>3</td>
<td>4</td>
<td>53*</td>
</tr>
<tr>
<td><strong>Symptomatic</strong></td>
<td>1</td>
<td>6</td>
<td>6</td>
<td>30</td>
<td>86.7%</td>
</tr>
</tbody>
</table>

*3 of the symptomatic patients were hospitalized, 2 of these patients died. All had 2+ underlying health conditions.

These data support limiting face-to-face contact and group gatherings, as well as practicing both physical distancing and wearing cloth face coverings in public settings.

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