Healthcare Partner/EMS Provider Coordination Conference Call

COVID-19

August 13, 2020
8:30 – 9:30 am Update of all facilities
9:30 – 10:00am Infection Control Discussion for SNF/LTC Facilities
Purpose of Partner Conference Call

• Assure and coordinate situational awareness between partners and PHD/EMSA
• Share best practices to prevent spread of COVID-19
• Discuss and confirm guidance to assure health care worker and patient safety
• Identify resource shortages and determine solutions
• Promote coordinated and efficient response to protect the community
Agenda

8:30- 9:30 am:
I. Situation Update
II. Updated Guidance
III. Resources, Supply Chain & Request Process
IV. Conference Calls
V. Questions? Additional Issues?

9:30 – 10:00 am: Infection Control Discussion for SNF/LTC
Current Status of COVID-19 in Santa Barbara County

The state’s electronic disease reporting system has been experiencing issues processing incoming reports. Therefore, recent data published on the SB County Public Health COVID-19 dashboards are likely to be an underestimate of true cases in the county. This disclaimer will be in place until the state reporting issue is rectified.

<table>
<thead>
<tr>
<th>Geographic Area</th>
<th>Daily Cases</th>
<th>Total Confirmed Cases</th>
<th>Recovered by Region</th>
<th>Still Infected by Region</th>
<th>Number of Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOUTH COUNTY UNINCORPORATED AREA</td>
<td>0</td>
<td>166</td>
<td>153</td>
<td>7</td>
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<tr>
<td>CITY OF SANTA BARBARA and the unincorporated area of Mission Canyon</td>
<td>2</td>
<td>929</td>
<td>884</td>
<td>38</td>
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<tr>
<td>CITY OF GOLETA</td>
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<td>169</td>
<td>159</td>
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<td>3</td>
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<tr>
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<td>14</td>
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<tr>
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<td>1</td>
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<tr>
<td>SANTA YNEZ VALLEY including the Cities of Solvang &amp; Buellton, and the communities of Santa Ynez, Los Alamos, Los Olivos and Ballard</td>
<td>1</td>
<td>81</td>
<td>74</td>
<td>5</td>
<td>2</td>
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<tr>
<td>CITY OF Lompoc and the communities of Mission Hills and Vandenberg Village</td>
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<td>536</td>
<td>506</td>
<td>23</td>
<td>7</td>
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<tr>
<td>FEDERAL PRISON IN LOMPOC</td>
<td>0</td>
<td>1019</td>
<td>1016</td>
<td>0</td>
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<tr>
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<td>COMMUNITY OF ORCUTT</td>
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<td>227</td>
<td>214</td>
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<td>UNINCORPORATED AREAS of Sisquoc, Casmalia, Garey, Cuyama, New Cuyama, and the City of Guadalupe</td>
<td>2</td>
<td>285</td>
<td>271</td>
<td>12</td>
<td>2</td>
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<tr>
<td>Out of County</td>
<td>–</td>
<td>–</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Pending</td>
<td>4</td>
<td>274</td>
<td>255</td>
<td>19</td>
<td>–</td>
</tr>
<tr>
<td>Total</td>
<td>15*</td>
<td>7083</td>
<td>6761</td>
<td>249</td>
<td>73</td>
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</table>

*Today’s numbers have not yet been updated to reflect the State data error. These numbers represent an under reporting of cases.

https://publichealthsbc.org/status-reports/
<table>
<thead>
<tr>
<th>Testing Status</th>
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<tbody>
<tr>
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<tr>
<td>Negative</td>
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<tr>
<td>Inconclusive</td>
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<td>Total Tests</td>
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<table>
<thead>
<tr>
<th>High Risk</th>
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<tbody>
<tr>
<td>Health Care Workers (HCW)</td>
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<table>
<thead>
<tr>
<th>Transmission Method</th>
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<tr>
<td>Community Close Contact Transmission</td>
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<tr>
<td>Persons Incarcerated at Federal Prison in Lompoc Close Contact</td>
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<tr>
<td>Travel Transmission</td>
<td>12</td>
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<tr>
<td>Community Transmission</td>
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</tr>
<tr>
<td>Unknown</td>
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<tr>
<td>Under Investigation</td>
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<table>
<thead>
<tr>
<th>Symptomatic Status</th>
<th>Total</th>
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<tbody>
<tr>
<td>Asymptomatic</td>
<td>682</td>
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<tr>
<td>Symptomatic</td>
<td>4221</td>
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<tr>
<td>Pending</td>
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<table>
<thead>
<tr>
<th>RECOVERY STATUS</th>
<th>Community</th>
<th>Federal Prison in Lompoc</th>
<th>Total (Community &amp; Prison)</th>
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</thead>
<tbody>
<tr>
<td>Still Infectious Cases</td>
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<td>0</td>
<td>249</td>
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<tr>
<td>Recovered Cases</td>
<td>5745</td>
<td>1016</td>
<td>6761</td>
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<tr>
<td>Recovering in Hospital</td>
<td>–</td>
<td>–</td>
<td>–</td>
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<tr>
<td>Recovering in ICU</td>
<td>–</td>
<td>–</td>
<td>–</td>
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<tr>
<td>Pending Information</td>
<td>–</td>
<td>–</td>
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[https://publichealthsbc.org/status-reports/](https://publichealthsbc.org/status-reports/)
<table>
<thead>
<tr>
<th>Skilled Nursing Facility</th>
<th>Total Positive Residents</th>
<th>Total Positive Resident Deaths</th>
<th>Total Positive HCW</th>
<th>Total HCW Deaths</th>
<th>Current Outbreak Positive Residents</th>
<th>Positive Resident Deaths</th>
<th>Positive HCW</th>
<th>Positive HCW Deaths</th>
<th>Date Facility Cleared</th>
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<tr>
<td>Alto Lucero Transitional Care</td>
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<td>0</td>
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<tr>
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<td>&lt;11</td>
<td>&lt;11</td>
<td>0</td>
<td>0</td>
<td>8/12/20</td>
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<tr>
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<td>&lt;11</td>
<td>&lt;11</td>
<td>0</td>
<td>0</td>
<td>8/12/20</td>
</tr>
<tr>
<td>Casa Dorinda</td>
<td>0</td>
<td>0</td>
<td>&lt;11</td>
<td>0</td>
<td>&lt;11</td>
<td>&lt;11</td>
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<td>8/12/20</td>
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<td>28</td>
<td>0</td>
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<td>0</td>
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<td>7/15/20</td>
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<tr>
<td>Lompoc Skilled Nursing &amp; Rehabilitative Care Center</td>
<td>24</td>
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<td>25</td>
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<td>25</td>
<td>&lt;11</td>
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<td>Lompoc Comprehensive Care Center</td>
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<td>&lt;11</td>
<td>&lt;11</td>
<td>&lt;11</td>
<td>0</td>
<td>8/11/20</td>
</tr>
<tr>
<td>Marian Extended Care</td>
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<td>&lt;11</td>
<td>&lt;11</td>
<td>0</td>
<td>&lt;11</td>
<td>&lt;11</td>
<td>&lt;11</td>
<td>0</td>
<td>Under investigation</td>
</tr>
<tr>
<td>Mission Terrace Santa Barbara</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>&lt;11</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NA</td>
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<tr>
<td>Samarkand Skilled Nursing Facility</td>
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<td>&lt;11</td>
<td>0</td>
<td>&lt;11</td>
<td>0</td>
<td>&lt;11</td>
<td>0</td>
<td>Under investigation</td>
</tr>
<tr>
<td>Santa Maria Post Acute</td>
<td>&lt;11</td>
<td>0</td>
<td>&lt;11</td>
<td>0</td>
<td>&lt;11</td>
<td>0</td>
<td>&lt;11</td>
<td>0</td>
<td>8/12/20</td>
</tr>
<tr>
<td>The Californian</td>
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<td>&lt;11</td>
<td>0</td>
<td>&lt;11</td>
<td>0</td>
<td>&lt;11</td>
<td>0</td>
<td>8/12/20</td>
</tr>
<tr>
<td>Valle Verde Health Facility</td>
<td>&lt;11</td>
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<td>&lt;11</td>
<td>0</td>
<td>&lt;11</td>
<td>0</td>
<td>&lt;11</td>
<td>0</td>
<td>Under investigation</td>
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<td>&lt;11</td>
<td>0</td>
<td>8/10/20</td>
</tr>
</tbody>
</table>

Source: Cumulative numbers are from the survey found [here](https://www.cdph.ca.gov/Programs/CID/DCDC/). Outbreak numbers are reported by each Skilled Nursing Facility. Department as of 8/12/20; HCW = health care worker.

[https://publichealthsbc.org/santa-barbara-county-reopening-metrics/](https://publichealthsbc.org/santa-barbara-county-reopening-metrics/)
State SNF and Assisted Living Data

Skilled Nursing Facility- (at the bottom of the page)
https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/SNFsCOVID_19.aspx

Assisted Living (RCFE), Adult Residential Facility-
https://www.cdss.ca.gov/#covid19

• Click on link for Positive Cases in Adults and Senior Care Facilities

<table>
<thead>
<tr>
<th>Item #</th>
<th>Facility Name</th>
<th>County</th>
<th>Number of COVID-19 Positive Cases Among Staff</th>
<th>Number of COVID-19 Positive Cases Among Residents</th>
<th>Number of COVID-19 Related Deaths* Among Staff</th>
<th>Number of COVID-19 Related Deaths* Among Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>232</td>
<td>Casa Dorinda</td>
<td>Santa Barbara</td>
<td>&lt;11</td>
<td>&lt;11</td>
<td>0</td>
<td>&lt;11</td>
</tr>
<tr>
<td>233</td>
<td>Granvida Senior Living And Memory Care</td>
<td>Santa Barbara</td>
<td>&lt;11</td>
<td>18</td>
<td>0</td>
<td>&lt;11</td>
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<tr>
<td>234</td>
<td>Maravilla</td>
<td>Santa Barbara</td>
<td>&lt;11</td>
<td>&lt;11</td>
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<td>&lt;11</td>
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<tr>
<td>235</td>
<td>Santa Maria Terrace</td>
<td>Santa Barbara</td>
<td>&lt;11</td>
<td>12</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
California COVID-19 By The Numbers
August 12, 2020
Numbers as of August 11, 2020

CALIFORNIA COVID-19 SPREAD
586,056 CASES
(+11,645* | 5,433 reported on 8/11 + 6,212 cases from previous days)

Ages of Confirmed Cases
• 0-17: 56,276
• 18-49: 353,518
• 50-64: 111,811
• 65+: 63,617
• Unknown/Missing: 834

Gender of Confirmed Cases
• Female: 293,952
• Male: 285,476
• Unknown/Missing: 6,628

10,648 (+180) Fatalities

Hospitalizations
Confirmed COVID-19
5,442/1,699
Hospitalized/in ICU

Suspected COVID-19
1,205/174
Hospitalized/in ICU

For county-level hospital data:
bit.ly/hospitalsca
COVID-19 Situation Update - Global

Global Cases
20,666,156

Cases by Country/Region/Sovereignty
5,201,233 US
3,164,786 Brazil
2,396,637 India
905,762 Russia
568,919 South Africa
498,555 Peru
498,380 Mexico
422,519 Colombia
378,168 Chile
336,324 Iran
329,784 Spain

Global Deaths
750,371

Global Recovered

US State Level Deaths, Recovered
32,797 deaths, 73,842 recovered New York US
15,686 deaths, 33,223 recovered New Jersey US
10,813 deaths, recovered California US
9,547 deaths, 347,354 recovered Texas US
8,765 deaths, recovered Florida US
8,751 deaths, 100,486 recovered Massachusetts US
7,881 deaths, recovered Illinois US
7,380 deaths, 84,101 recovered Pennsylvania US
6,599 deaths, 63,636 recovered

https://gisanddata.maps.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6
### Different Longitudinal Testing Patterns

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Lab</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/3/20</td>
<td>20:28</td>
<td>COVID-19 (LabCorp)</td>
<td>Not Detected</td>
</tr>
<tr>
<td>6/17/20</td>
<td>17:42</td>
<td>COVID-19 (LabCorp)</td>
<td>Not Detected</td>
</tr>
<tr>
<td>6/22/20</td>
<td>23:46</td>
<td>COVID-19 (LabCorp)</td>
<td>Detected</td>
</tr>
<tr>
<td>6/26/20</td>
<td>9:28</td>
<td>COVID-19 (LabCorp)</td>
<td>Not Detected</td>
</tr>
<tr>
<td>6/30/20</td>
<td>14:15</td>
<td>COVID-19 (Abbott)</td>
<td>Positive</td>
</tr>
<tr>
<td>7/7/20</td>
<td>2:30</td>
<td>COVID-19 (LabCorp)</td>
<td>Not Detected</td>
</tr>
<tr>
<td>7/13/20</td>
<td>9:35</td>
<td>COVID-19 (BD Max)</td>
<td>Not Detected</td>
</tr>
<tr>
<td>7/14/20</td>
<td>4:01</td>
<td>COVID-19 (BD Max)</td>
<td>Detected</td>
</tr>
<tr>
<td>7/16/20</td>
<td>2:00</td>
<td>COVID-19 (BD Max)</td>
<td>Not Detected</td>
</tr>
<tr>
<td>7/20/20</td>
<td>10:36</td>
<td>COVID-19 (GenMark)</td>
<td>Not Detected</td>
</tr>
</tbody>
</table>

- **This pattern shows single national reference lab with single positive over 5 week testing period.**
- **Intermittent shedding with low viral load**

### Additional Examples of Intermittent Shedding

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Lab</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/4/20</td>
<td>0:00</td>
<td>COVID-19 (Abbott)</td>
<td>Positive</td>
</tr>
<tr>
<td>5/7/20</td>
<td>0:00</td>
<td>COVID-19 (GenMark)</td>
<td>Detected</td>
</tr>
<tr>
<td>5/10/20</td>
<td>0:00</td>
<td>COVID-19 (GenMark)</td>
<td>Detected</td>
</tr>
<tr>
<td>5/12/20</td>
<td>0:00</td>
<td>COVID-19 (Sonic)</td>
<td>Positive</td>
</tr>
<tr>
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<tr>
<td>5/18/20</td>
<td>0:00</td>
<td>COVID-19 (Sonic)</td>
<td>Positive</td>
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<td>5/21/20</td>
<td>0:00</td>
<td>COVID-19 (BD Max)</td>
<td>Detected</td>
</tr>
<tr>
<td>5/24/20</td>
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<td>6/2/20</td>
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<td>Detected</td>
</tr>
<tr>
<td>6/5/20</td>
<td>0:00</td>
<td>COVID-19 (BD Max)</td>
<td>Not Detected</td>
</tr>
<tr>
<td>6/8/20</td>
<td>0:00</td>
<td>COVID-19 (BD Max)</td>
<td>Not Detected</td>
</tr>
</tbody>
</table>

- **On the next page, there is an example of intermittent shedding published early on in the New England Journal of Medicine (from Chinese data). Cottage had an identical example.**
Example of Intermittent Shedding in NEJM and SBCH

<table>
<thead>
<tr>
<th>Case</th>
<th>Date</th>
<th>PD BD MAX Detected</th>
<th>PD BD MAX Not detected</th>
<th>Genmark ePlex Detected</th>
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<tbody>
<tr>
<td>01</td>
<td>6/1/2020</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>02</td>
<td>6/10/2020</td>
<td></td>
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<tr>
<td>03</td>
<td>6/11/2020</td>
<td>1</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>04</td>
<td>6/15/2020</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>05</td>
<td>6/16/2020</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>06</td>
<td>6/18/2020</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>07</td>
<td>6/19/2020</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08</td>
<td>6/20/2020</td>
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<td>1</td>
</tr>
<tr>
<td>09</td>
<td>6/22/2020</td>
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<td>1</td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
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<tr>
<td>13</td>
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</tbody>
</table>

Intermittent Shedding + - +

Day1  Day9  Day10  Day14 Day15  Day17 Day18 Day19 Day20  Day21

SBCH
Example of different Level of Detection by PCR and how it affects Positive versus Negative

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Test Name</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/26/20</td>
<td>22:36</td>
<td>COVID-19 (GenMark)</td>
<td>Not Detected</td>
</tr>
<tr>
<td>7/4/20</td>
<td>15:59</td>
<td>COVID-19 (BD Max)</td>
<td>Detected</td>
</tr>
<tr>
<td>7/5/20</td>
<td>10:00</td>
<td>COVID-19 (BD Max)</td>
<td>Not Detected</td>
</tr>
<tr>
<td>7/6/20</td>
<td>13:41</td>
<td>COVID-19 (BD Max)</td>
<td>Not Detected</td>
</tr>
</tbody>
</table>

- An original case classified as positive on an Abbott (125 copies/mL) was retested in less than one hour on the GenMark (original FDA EUA protocol) which has LoD higher copies/mL. Because of the higher LoD from original GenMark FDA EUA, the specimen was called negative. Then, in about 24 hours later, the specimen was tested on the BDMax (with 40 copies/mL), which is the most sensitive test by LoD and it was positive.

- The same specimen that was negative on 26 June 2020 on the GenMark was then retested in late July with the new amended GenMark FDA EUA (750 copies/mL) and actually tested positive.

- This is an excellent example of how Level of Detection is the difference between a positive and negative.
These samples effectively remove preanalytic variables (swabs etc.) and test analytic performance;

1. SBCH performed on GenMark and we had 100% concordance
2. Summary:
   a) CDC (original and gold standard) had a 2.9% FN
   b) Roche (largest volume testing platform ref labs) 1.2% FN and 1.2% FP
   c) Laboratory Developed Tests very poor aggregate performance
How Swab Type affects Clinical Sensitivity of the final result
Swab Type can affect positive versus negative test result on the same instrument so using the Puritan Swabs versus pure NP Swabs is a factor.

ISDA Guidelines published 6 May 2020 & 16 June 2020

Table 3. GRADE Summary of Findings of Test Accuracy Results for Prevalence/Pre-Test Probability of 10% for different specimen types

<table>
<thead>
<tr>
<th>Specimen Type</th>
<th>Oral</th>
<th>Nasal</th>
<th>Nasopharyngeal (NP)</th>
<th>Nasal (2 studies NP as comparator)</th>
<th>Saliva</th>
<th>Mid-turbinate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity % (95% CI)</td>
<td>56 (35 to 77)</td>
<td>76 (59 to 94)</td>
<td>97 (92 to 100)</td>
<td>95 (87 to 100)</td>
<td>85 (69 to 94)</td>
<td>100 (93 to 100)</td>
</tr>
<tr>
<td>Specificity % (95% CI)</td>
<td>99 (99 to 100)</td>
<td>100 (99 to 100)</td>
<td>100 (99 to 100)</td>
<td>100 (99 to 100)</td>
<td>100 (99 to 100)</td>
<td>100 (99 to 100)</td>
</tr>
</tbody>
</table>

ISDA Guidelines note that Nasal swabs have at least a 2-6% reduction in clinical sensitivity than NP swabs. So nasal swabs might be negative whereas the same specimen collected by NP would be positive.
PHD Department Operations Center (DOC)

Open Monday-Friday - 8:00 am - 5:00pm

• After hours email and phone
• Provides additional staff to carry out PHD objectives
• Respond to cases and provider/public information requests
• Coordinates contact tracing and additional testing
• Orders and prioritizes resources for distribution
• Supporting symptomatic homeless individuals with alternate sheltering
• Supporting individuals in hotels that are unable to isolate at home or have been discharged from the hospital
# Communication with PHD DOC

<table>
<thead>
<tr>
<th>WHO?</th>
<th>WHEN?</th>
<th>HOW?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Santa Barbara County Disease Control</td>
<td>Used to contact and report positive cases, and suspect cases in SNF/LTC and HCW</td>
<td>805-681-5280 – 24/7 number <a href="mailto:dc@sbcphd.org">dc@sbcphd.org</a> – hospitals report discharges via email, submit line lists (Mon – Fri 8am-5pm) Fax: 805-681-4069</td>
</tr>
<tr>
<td>Santa Barbra Isolation &amp; Quarantine</td>
<td>Discharge from hospital or ED of confirmed COVID-19 patient unable to isolate at home. Individuals unable to isolate within their home.</td>
<td>805-681-5165</td>
</tr>
<tr>
<td>EMS Duty Officer</td>
<td>After hours requests for PPE and assistance</td>
<td>805-694-8301</td>
</tr>
<tr>
<td>PHD Department Operations Center (DOC)</td>
<td>Operations Section: M-F 8 am- 5pm</td>
<td><a href="mailto:Operations.medicalbranch@sbcphd.org">Operations.medicalbranch@sbcphd.org</a> Jan Koegler- 805-681-4913 Stacey Rosenberger- 805-681-4912</td>
</tr>
</tbody>
</table>
Health Officer Order No. 2020-12.6

- Effective 8/12/2020 at 5pm replaces HOO No. 2020-12.5

1. This Order 2020-12.5 is effective 5:00 p.m. (PDT) August 12, 2020 and continuing until 5:00 p.m. (PDT) on September 10, 2020 or until it is extended, rescinded, superseded, or amended in writing by the County of Santa Barbara Health Officer ("Health Officer"). This Order applies in the incorporated and unincorporated areas of Santa Barbara County ("County").

2. Gatherings are not allowed. As required by the State Public Health Officer Order of July 13, 2020, May 7, 2020, and March 19, 2020, all gatherings, whether large or small, are prohibited unless exempt.
   a. A "gathering" is any event or convening that brings together people from different households in a single room or single space at the same time, such as an auditorium, stadium, arena, large conference room, meeting hall, cafeteria, or any other indoor or outdoor space, whether public or private.
   b. Gathering exemptions. All gatherings that are exempt must comply with State Executive Orders, State Public Health Orders, and State guidance available at covid19.ca.gov, and Santa Barbara County Health Officer Orders.
      i. To the extent that Businesses are open, and activities allowed, individuals may leave their homes to work at, patronize, or otherwise engage with those Businesses, or activities, and must, when they do so, continue at all times to practice physical distancing, and follow State and Local Orders.
      ii. The prohibition on gatherings does not apply to outdoor recreational activities when physical distancing of six feet can be maintained. Examples of recreational activities include, but are not limited to, walking, cycling, jogging, and hiking.
      iii. The prohibition on gatherings does not apply to congregate living situations, including dormitories, and homeless encampments, and
      iv. The prohibition on gatherings does not apply to outdoor worship services, weddings ceremonies, outdoor cultural ceremonies (religious and non-religious) or outdoor protests, when physical distancing of six feet can be maintained.

https://countyofsb.org/uploadedFiles/phd/PROGRAMS/Disease_Control/Corona/HOO%202020-12-6.pdf
Updated Guidance

All guidance below can be found here: 
https://publichealthsbc.org/healthcare-professionals/

- Home Isolation Instructions- English & Spanish
- HCW exposure algorithm
- Community exposure algorithm
- Home Quarantine Instructions- English & Spanish
- Discharge Criteria
COVID-19 Discharge Guidance for Santa Barbara County

This guidance is provided by the Santa Barbara County Public Health Department in order to maintain standards for coordinated discharge of COVID-19 positive and non-COVID patients from hospitals and emergency departments to skilled nursing, congregate care settings, and homes. This guidance will change according to current guidance from CDPH and the CDC.

Facilities may choose to implement policies that provide stricter guidelines for standard and transmission-based precautions (e.g., contact, droplet) and isolation periods. The Public Health Department is available for consultation regarding each facility’s individual situation and residents via phone 805-681-5280 or email drc@sbccphd.org

The following discharge guidance is covered in this document:

- Patients with Laboratory Confirmed COVID-19 Discharged to SNF/LTC and Congregate Living
- Patients without COVID-19 Discharged to SNF/LTC and Congregate Living
- Patients Transferred from SNF/LTC to another SNF/LTC
- Patients with Laboratory Confirmed COVID-19 Discharged to Non-Congregate Isolation Settings
- Patients Awaiting Laboratory Results Discharged to PHD Non-Congregate Isolation Settings
- Patients with Laboratory Confirmed COVID-19 Discharged to Home Settings

Additional guidance:

- COVID-19 Hospital Reporting for Confirmed Cases, Discharges and Deaths - Santa Barbara County
- ACL 20-53: Mitigation Plan Recommendations for Testing of Health Care Personnel (HCP) and Residents at Skilled Nursing Facilities
- PIN 20-21-ASC Guidance on Testing, Visitation, Infection Prevention in Adults and Senior Care Facilities

Contact information:

<table>
<thead>
<tr>
<th>Santa Barbara County PHD Disease Control</th>
<th>Routine reporting of confirmed cases in HCWs and residents in SNF/LTC or congregate settings, call between 8 a.m 5 p.m. 7 days/week</th>
</tr>
</thead>
<tbody>
<tr>
<td>805 681-5280</td>
<td>Urgent concerns regarding confirmed cases in HCWs and residents in SNF/LTC or congregate settings, call 24/7</td>
</tr>
<tr>
<td>COVID-19 Discharge to PHD</td>
<td>In-patients: 8 am-5pm M-F. PHD will not accept weekend discharges of confirmed COVID-19 inpatients</td>
</tr>
<tr>
<td>COVID-19 Non-Congregate Hotel Setting</td>
<td>ED patients: Confirmed or suspect cases pending discharge from the ED that are unscheduled or unable to isolate or quarantine</td>
</tr>
<tr>
<td>805 681-5165 24/7</td>
<td></td>
</tr>
</tbody>
</table>

https://countyofsfb.org/uploadedFiles/phd/PROGRAMS/Disease_Control/Corona/SantaBarbaraPHD_Discharge_Criteria.pdf
AFL 20-53.2- Response Driven Testing

Response-driven Testing of Residents
As soon as possible after one (or more) COVID-19 positive individuals (resident or HCP) is identified in a facility, serial retesting of all residents who test negative upon the prior round of testing should be performed every 7 days until no new cases are identified among residents in two sequential rounds of testing; the facility may then resume their regular surveillance testing schedule for HCP. If testing capacity is not sufficient to serially retest all residents, prioritize testing of residents on the same unit(s) where COVID-19 positive residents or HCP were identified.

Response-driven Testing of Healthcare Personnel
As soon as possible after one (or more) COVID-19 positive individuals (resident or HCP) is identified in a facility, serial retesting of all HCP should be performed every 7 days until no new cases are identified among residents in two sequential rounds of testing; the facility may then resume their regular surveillance testing schedule for HCP. If testing capacity is not sufficient to serially retest all HCP, prioritize testing HCP who worked on the unit with COVID-19 positive residents or are known to work at other healthcare facilities with cases of COVID-19.
Community-Based Testing Sites

- **Locations:**
  - **Santa Maria:** Fairpark
  - **Santa Barbara:** Earl Warren
  - **Buellton:** AMR Conference Room- 240 CA-246 Buellton, CA

- Can test approx. 144 at each site each day
- PCR test not serology
- Open 5 days a week. Days and times for appointments will be adjusted based on community needs
- To make appointments:
  - To register online: [https://lhi.care/covidtesting](https://lhi.care/covidtesting)
  - To register by phone: 888-634-1123
  - **For help with registration:** 833-688-5551
COVID-19 Swabbing Training

Swabbing Training Interest Form-
https://app.smartsheet.com/b/form/1a2b16bc39ae4c01918aeb51b5ff645b

• Plan to hold 1 training a week and we hope to move training around county in the future

Swabbing Training Webinar
Friday 14th
1 pm
Go to Meeting
Assistance with Testing

• PHD has a contract with AMR to assist in transport of positive or suspect patients and testing in the county
• Many SNFs have utilized AMR to assist in testing at their facility during outbreak testing
• Starting June 25, 2020 – facilities that utilize AMR will invoiced by PHD for AMRs time assisting with testing
• Beginning 7/28: Medical Reserve Corps staff will also assist with testing
Santa Barbara PHD Outbreak Line List

- Used during an outbreak at facility or for surveillance testing
- Fill this out in advance so you are ready when you have an outbreak
- Different tab for staff and residents
- May be requested to include county of residence (SLO, SB, Vta)
- Completed on computer and submit to: dc@sbcphd.org
Outbreak Line List Reminders

• Complete ahead of time (list staff and residents with DOB)
  • Make sure names and birthdays are correct
• Complete electronically and email to dc@sbcphd.org every time you have changes/updates
  • Highlight additions and updates
  • Highlight positives
• Don’t delete anything from your line list
  • Line list provides a complete picture for our disease control and epi staff
  • Make sure you include first positive test
• Cross-facility staff: List the other facilities where they work
When to Retest

• **Do not retest positive staff or residents** during an outbreak
• **Do not ask positive staff to come to the site for re-testing**, this exposes others and is not needed
• Do not retest positive staff or residents for 3 months from the date of their positive test for surveillance testing
• Home Health, hospice and contractors may need to show documentation of their positive test to facilities
• A template could be developed to indicate when the employee needs to begin testing again (if acceptable to the facility)
CDC Guidance: When to retest previous positives

A person who previously tested positive by RT-PCR for SARS-CoV-2 and clinically recovered from COVID-19 is later tested again, for example, as part of a contact tracing investigation. If that person again tests positive by RT-PCR, should they be managed as potentially infectious to others, and isolated again for COVID-19?

For persons who remain asymptomatic following recovery from COVID-19, retesting (e.g., as part of a contact tracing investigation) is not necessary during the first 3 months after the date of symptom onset. When a positive test occurs less than 3 months after the person’s symptom onset of their most recent illness, it is possible that the positive test represents a new infection or a persistently positive test associated with the previous infection. If a positive test occurs more than 3 months after a person’s symptom onset, clinicians and public health authorities should consider the possibility of reinfection. Until we have more information, the determination of whether a patient with a positive test in these situations is contagious to others should be made on a case-by-case basis. Consider consultation with infectious diseases specialists and public health authorities to review all available information (e.g., medical history, time from initial positive test, RT-PCR Ct values, and presence of COVID-19 signs or symptoms). Persons who are determined to be potentially infectious should undergo evaluation and remain isolated until they again meet criteria for discontinuation of isolation or discontinuation of transmission-based precautions, depending on their circumstances.

Resources and Supply Chain

Current supply chain issues/shortages
- N95s
- Procedure masks
- Isolation gowns
- Hand sanitizer
- Gloves
- Eye protection
- Healthcare disinfecting wipes

PHD PPE Distribution:
- Requests reviewed on Monday
- Pick or delivery will occur on Tuesday
- Urgent requests can be picked up on other days
- Urgent needs please call 805-681-5253 or email operations.medicalbranch@sbcphd.org
PHD PPE Resources

To request resources:
http://www.countyofsb.org/phd/epp/forms.sbc

579
Total # PPE Request

512
Total # PPE request filled

5
Total # Request PPE Pending
• Hand sanitizer available!
• Drive thru pick up to be scheduled
Cal/OSHA Severe Respirator Supply Shortages – 8/6/2020

6.0 Use methods to extend the use of existing stocks of filtering facepiece respirators

6.1 Extended use of respirators
Extended use occurs when health care employees use the same respirator during encounters with several patients without removing the respirator between patient encounters. Employers must ensure that the respirators are kept clean, sanitary, and in good working order at all times.

Extended use is practiced when multiple patients are infected with the same respiratory pathogen and patients are placed together in dedicated areas (cohorting). When patients are cohorted together:

- The maximum recommended respirator extended use period is 8–12 hours.
- Respirators should be removed and carefully stored in a clean paper bag before activities such as meals, restroom breaks, and other breaks and then re-donned and worn through the remainder of the shift. The respirator must be discarded if it any time it becomes contaminated or does not fit or function correctly.

6.2 Store disinfected filtering facepiece respirators in case of future shortages
Used filtering facepiece respirators may continue to be disinfected but should not be reused at this time. They may be retained for use in the event of a future respirator shortage. For employers that continue to disinfect for future shortages, ethylene oxide cannot be used. The FDA’s emergency use authorizations for disinfecting respirators approved procedures are located on their website at: https://www.fda.gov/medical-devices/coronavirus-disease-2019-covid-19-emergency-use-authorizations-medical-devices/decontamination-systems-personal-protective-equipment-euas.

Requesting N-95 Fit Testing Kits

• PHD has 8 fit testing kits to loan
• Please bring back fit testing kits after you have used.
• We have a few that have gone missing.
• Facility/agency can request up to 2 kits for one week
• To request:  https://app.smartsheet.com/b/form/386bce37fa7b4e21a5c11af7948fdb50
Fit Testing Training Webinar

Monday August 17\textsuperscript{th} 10:30 – 11:30 am

• Invite with link to attend will be sent out
• Live demo of how to do fit testing
• Q & A

Fit Testing Videos & Documents:

• Fit Testing Instructions- How to do Fit Testing: https://youtu.be/xl4qX6qEYXU

How to wear an N95 mask- by mask type:

• How to wear 1860: https://youtu.be/XPOzCG4DrgQ
• How to Wear 1870: https://youtu.be/05wyH1-mLGk
• BYD How to Wear the Mask: https://youtu.be/Lm7KwYp9DXY
Resource Request Process

http://www.countyofsb.org/phd/epp/forms.sbc

• Complete situation report weekly and whenever you do a resource request
• Access resource request form is in sit rep
• Different situation reports based on your facility or agency type
• If you have questions about which one to fill out let us know!
So Many Conference Calls...

**CDPH Weekly Healthcare Facility Call:**
- Tuesdays 8 am
- Toll-free: 844-721-7239
  Access Code: 7993227

**SNF Infection Prevention Webinar**
- Wednesdays 3-4 pm
- Register: [https://www.hsag.com/cdph-ip-webinars](https://www.hsag.com/cdph-ip-webinars)

**SNF Infection Prevention Call**
- Thursdays 12-1 pm
- Toll-free: 877-226-8163
  Access Code: 513711
CMS Conference Calls- August

Home Health and Hospice Call (twice a month on Tuesday at 3:00 PM Eastern)
Tuesday, August 11th at 3:00 – 3:30 PM Eastern
Toll Free Attendee Dial-In: 833-614-0820 Access Passcode: 5097566

Nursing Homes Call (twice a month on Wednesday at 4:30 PM Eastern)
Wednesday, August 12th at 4:30 – 5:00 PM Eastern
Toll Free Attendee Dial-In: 833-614-0820 Access Passcode: 7857618

Dialysis Organizations Call (twice a month on Wednesday at 5:30 PM Eastern)
Wednesday, August 12th at 5:30 – 6:00 PM Eastern
Toll Free Attendee Dial-In: 833-614-0820 Access Passcode: 1027088

Lessons from the Front Lines: COVID-19 (twice a month on Fridays at 12:30 – 2:00 PM Eastern)
Friday, August 7th at 12:30 – 2:00 PM Eastern
Toll Free Attendee Dial-In: 833-614-0820 Access Code: 4695240

National CMS/CDC Nursing Home COVID-19 Training: COVID-19 Knowledge for the Frontline Staff
Thursday, July 30, 2020; 4:00-5:00 PM ET

This call is open to nursing home leaders, clinical and administrative staff members and others interested in nursing home infection prevention in the era of COVID-19.
Advance Registration Required: Register here.

CMS Conference Calls Cont.

CMS COVID-19 Office Hours Call (Tuesdays at 5:00 – 6:00 PM Eastern)

Tuesday, July 28th at 5:00 – 6:00 PM Eastern


Audio Webcast link: https://protect2.fireeye.com/url?k=b8dea1fd-e48ab381-b8de90c2-0cc47a9c5fa2-75ab79ed98ac12098u=https://protect2.fireeye.com/url?k=c408a7b1-985ccee9a-c408d58e-0cc47a6d17cc-d5428ab37156e652u=https://engage.evevent.com/r/cms2/index.jsp?seid=2297

Tuesday, August 4th at 5:00 – 6:00 PM Eastern


Audio Webcast link: https://protect2.fireeye.com/url?k=344d4e10-5819573c-344d7f7f-0cc47adc5fa2-0f893ef050e8bd7u=https://protect2.fireeye.com/url?k=2d8dcd5-710dd705-2d8dfe0a-0cc47a6a52de-a294a2b84841d11u=https://engage.evevent.com/r/cms2/index.jsp?seid=2352

Tuesday, August 11th at 5:00 – 6:00 PM Eastern


Audio Webcast link: https://protect2.fireeye.com/url?k=b2579f4b-ee038537-b257ae74-0cc47adc5fa2-85af7774095b577u=https://protect2.fireeye.com/url?k=5f7db93e-3329a042-6f7d8081-0cc47adc5fa2-ad718e49a02e4c18u=https://engage.evevent.com/r/cms2/index.jsp?seid=2361

Questions?

Thank you for everything
9:30 - 10:00 AM
INFECTION CONTROL DISCUSSION
SNF/LTC
Infection Control for COVID-19

Major Components:

- Correct PPE supplies
- Fit Testing for N-95 masks
- Correct Donning and Doffing 24/7
- Set up for Donning and Doffing including Signage
- Ventilation and HVAC
- Zones for positive, suspect, and non-exposed
- Adequate staff and who do not work between zones
- Other?
Infection Control Education Sessions

- Will be scheduled with Drs. Fisk and Fitzgibbons
- 2 sessions – will be recorded
- Question and Answers
- Appropriate for residential facilities, other facility types as desired
Cohorting Zones in Facilities - Physical Barriers

- Life & safety/evacuation when you have physical barriers up:
  1. Signage to let people know what area they are walking into
  2. Clear about expectation when fire alarm goes off about what should be done with
  3. In service with staff about
  4. Material is treated with fire resistant material
ATTENTION:
PLEASE SANITIZE YOUR HANDS BEFORE AND AFTER CLOCKING-IN
Masks and Face Shields

• N-95 masks should be fit tested
  • Fit testing is not hard – multiple staff should be trained
  • Could be trained using Zoom or in person, even Youtube
• Purchase fit testing kits and solution now
• If no fit testing available have staff select the mask that fits best by doing a “seal check”
Zones and Staffing

- Identify your zones in advance, set up your PPE stations
- Zones ideally separated physically but plastic sheeting can be used
  - Red Zone = Positive Patients
  - Yellow Zone = Exposed Patients (Roommates, close contacts)
  - Green Zone = Non-exposed Patients
- Staff in zones should be dedicated to the zone
- Staff in zones should not eat or socialize together
- Break rooms should be separate
- Everyone always 6 foot distance with masks, before, during and after work
Donning and Doffing – you must post guides at each station

https://repository.netecweb.org/files/original/dca73031fbbc6c342e084bc2929732ef.pdf
Discussion

• How can we improve?
• What resources does your facility need to control disease spread?
• What lessons have you learned that you can share?
• Would you like infection control seminar for your infection control staff/other staff?
Using PPE Correctly: Donning and Doffing

Training:
• In person – PHD can provide classes
• Video/Utube
• Virtual – Zoom
• ALL staff – not just the staff in Red Zone (maintenance, other zones)

Assuring correct use 24/7:
• Coaching on the job daily – “infectious disease safety officer”
• Developing and rewarding PPE team captains on all shifts
• Stations set up and maintained
• Graphic posters with instructions – Large and clear
Donning and Doffing

COVID-19 PPE: Donning and Doffing

Items Required:
- Gown - Standard Isolation
- N95 Respirator
- Eye Protection
- Face Shield or Goggles
- Gloves

Donning Order:
1. Hand Hygiene
2. Gown
3. Respirator
4. Eye Protection
5. Gloves

Doffing Order 1:
1. Hand Hygiene
2. Gown w/ Gloves
3. Hand Hygiene
4. Eye Protection
5. Hand Hygiene
6. N95
7. Hand Hygiene

Doffing Order 2:
1. Hand Hygiene
2. Gown
3. Gloves
4. Hand Hygiene
5. Eye Protection
6. Hand Hygiene
7. N95
8. Hand Hygiene

https://repository.netecweb.org/files/original/dca73031fbbc6c342e084bc2929732ef.pdf
Additional Donning/Doffing Videos

- CDC Donning: https://www.youtube.com/watch?v=H4jQUBAiBrI
- CDC Doffing: https://www.youtube.com/watch?v=PQxOc13DxvQ
- Ventura County: https://www.youtube.com/watch?v=tyzGIOdxxp0&feature=youtu.be
Infection Control for COVID - Guidance

- CDPH All Facilities Letters (AFL)

- CA Dept of Social Services (CDSS) Provider Information Notices (PIN)

- CDC