Public Health Management of Persons with Potential COVID-19 Exposure (Travel-associated or Community Setting)

Classification by Risk

High Risk

- Living in same household as, being an intimate partner of, or providing care in a non-healthcare setting for a person with symptomatic laboratory-confirmed COVID-19 infection without using recommended precautions for home care and isolation. See table for healthcare provider-specific information
- Travel from Hubei Province, China

Medium Risk

- Close contact with a person with symptomatic laboratory-confirmed COVID-19 infection, and not having any exposures that meet a high-risk definition.
  - Applies for close contact with a person diagnosed clinically with COVID-19 infection outside the United States who did not have laboratory testing
  - On an aircraft, being seated within 6 feet (2 meters) of a traveler with symptomatic laboratory-confirmed COVID-19 infections; this is approximately with 2 seats in each direction
  - See table for healthcare provider-specific information
- Living in the same household as, being an intimate partner of, or caring for a person in a non-healthcare setting to a person with symptomatic laboratory-confirmed COVID-19 infection while consistently using recommended precautions for home care and isolation
- Travel from areas under CDC Travel Warning Level 3 or Alert Level 2 AND not having any exposures that meet a high-risk definition
- Cruise ship travel

Low Risk

- Being in the same indoor environment as a person with symptomatic laboratory-confirmed COVID-19 infection for a prolonged period of time (> 10 minutes) but not meeting the definition of close contact. See table for healthcare provider-specific information
- On an aircraft, being seated within 2 rows of a traveler with symptomatic laboratory-confirmed COVID-19 infection but not within 6 feet (2 meters) AND not having any exposures that meet a medium- or high-risk definition

No Identifiable Risk

For more information, visit: https://www.cdc.gov/coronavirus/COVID-19/php/risk-assessment.html

16 March 2020
• Interactions with a person with symptomatic laboratory-confirmed COVID-19 infection that do not meet any of the high-, medium-, or low-risk conditions above, such as walking by the person or briefly being in the same room

Exposure Risk Management

Those with confirmed COVID-19 infection should remain in isolation and restricted movement as determined by clinical status until they are determined to no longer be infectious.

• Symptoms subside
• Two negative COVID-19 tests 24 hours apart

Isolation may be:

• At home or in a healthcare facility
• Isolation may be voluntary or by public health order
• Local or long-distance travel permitted only by medical transport or private vehicle

Symptomatic people who meet the definition of a person under investigation (PUI) should be evaluated by healthcare providers in conjunction with public health personnel

• PUIs awaiting laboratory testing results will remain in isolation until test results are known
• PUIs for whom initial rRT-PCR test is negative may have isolation and travel restrictions removed

Management of PUIs who are not tested should be made on a case-by-case basis, using epidemiological and clinical information, in conjunction with CDC guidance

<table>
<thead>
<tr>
<th>Epidemiologic Risk</th>
<th>Clinic Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Close contact** with a person that has laboratory-confirmed COVID-19 and developed symptoms within 14 days of contact</td>
<td>AND Fever* OR symptoms of lower respiratory illness (cough or shortness of breath)</td>
</tr>
<tr>
<td>History of travel within 14 days of symptom onset†</td>
<td>AND Fever with severe acute lower respiratory illness (i.e. pneumonia, ARDS) and without alternative explanatory diagnosis (i.e.) influenza§</td>
</tr>
<tr>
<td>No source of exposure has been identified</td>
<td></td>
</tr>
</tbody>
</table>

*Fever must be measured; CANNOT be subjective
** Being within 6 feet for a prolonged period (10 minutes or longer) or having direct contact with infectious secretions of a case
†Recommended other respiratory tests are performed based on symptoms (i.e.) rapid influenza, rapid strep, respiratory viral panel) and if positive laboratory results, COVID-19 testing will not be conducted
§History of travel includes travel outside of the US to countries with travel advisories, and states with cases of COVID-19, attendance at mass gatherings (i.e.) conferences cruises, concerts, etc.
## Symptomatic Persons with Exposure to COVID-19

<table>
<thead>
<tr>
<th>Risk Category</th>
<th>Movement Restrictions &amp; Activities</th>
<th>Medical Evaluation &amp; Public Health Monitoring</th>
<th>Travel</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Risk</td>
<td>Immediate Isolation</td>
<td>Medical evaluation recommended; diagnostic testing guided by PUI definition If medical evaluation is needed, it should occur with pre-notification to the healthcare facility and EMS (if EMS is needed), with all infection control measures in place</td>
<td>Controlled; air travel only via air medical transport. Local travel is only allowed by medical transport or private vehicle while symptomatic person is wearing a facemask</td>
</tr>
<tr>
<td>Medium Risk</td>
<td>Immediate isolation</td>
<td>Medical evaluation and care should be guided by clinical presentation diagnostic testing guided by PUI definition If medical evaluation is needed, it should occur with pre-notification to the healthcare facility and EMS (if EMS is needed), with all infection control measures in place</td>
<td>Controlled; air travel only via air medical transport. Local travel is only allowed by medical transport or private vehicle while symptomatic person is wearing a facemask</td>
</tr>
<tr>
<td>Low Risk</td>
<td>Avoid contact with others and public activities while symptomatic Seek medical advice to determine if further evaluation is needed Medical evaluation and care should be guided by clinical presentation diagnostic testing guided by PUI definition</td>
<td></td>
<td>Recommendation to not travel on long-distance commercial conveyances or public transportation</td>
</tr>
<tr>
<td>No Identifiable Risk</td>
<td>No restrictions</td>
<td>Routine medical care</td>
<td>No restrictions</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Risk Category</th>
<th>Definition</th>
<th>Movement Restrictions &amp; Activities</th>
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</tr>
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<tbody>
<tr>
<td><strong>High Risk</strong></td>
<td>Living in the same household as, being an intimate partner of or providing care in a non-healthcare setting for symptomatic laboratory-confirmed COVID-19 case (or clinically diagnosed case outside the US) Travel from Hubei Province, China</td>
<td>Remain in quarantine for 14 days from exposure</td>
<td>Self-monitoring with public health supervision, with contact made once daily for 14 days RCHD will make initial contact on day of notification of exposure</td>
<td>Air travel only allowed via medical transport Local travel only allowed via medical transport or private vehicle while</td>
</tr>
<tr>
<td><strong>Medium Risk</strong></td>
<td>Close contact with symptomatic laboratory-confirmed COVID-19 case (or clinically diagnosed case and not having exposure that meets high-risk definition On an aircraft, being seated within 6 feet (~2 seats) of a traveler with symptomatic laboratory—confirmed COVID-19 Travel from any country with a CDC Level 2 or higher travel advisory and not having any exposure that meets the high-risk definition</td>
<td>Remain in quarantine for 14 days from exposure Avoid congregate settings, limit public activities, and practice social distancing</td>
<td>Self-monitoring with public health supervision, with contact made once daily for 14 days</td>
<td>Postpone long-distance travel</td>
</tr>
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</table>

| Medium Risk                          | Travel to a state within the United States with confirmed community transmission and not having any exposure described in the high risk category  
Travel to Eagle, Summit, Pitkin and Gunnison counties in Colorado in the past week (starting 15 March)  
Travel on a cruise ship to any destination | Remain in quarantine for 14 days from exposure  
Avoid congregate settings, limit public activities, and practice social distancing | Self-monitoring with public health supervision, with contact made once daily for 14 days  
RCHD will make initial contact on day of notification of exposure, and provide instructions on monitoring requirements/guidelines | Postpone long-distance travel |
| Low Risk                            | Being in the same indoor environment as a symptomatic laboratory-confirmed case but not meeting definition of close contact  
On an aircraft, being seated within 6 feet (~2 seats) of a traveler with symptomatic laboratory—confirmed COVID-19  
Travel from any other country         | No Restrictions if remain asymptomatic | Self-monitoring for 14 days since exposure  
Public Health will make initial contact and provide information regarding self-monitoring for symptoms of COVID-19 infection | No Restrictions if remain asymptomatic |
<p>| No Identifiable Risk                | Interactions with a person within symptomatic laboratory-confirmed illness that do not meet any of the criteria of the other risk categories | No restrictions | No monitoring | No restrictions |</p>
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<tr>
<td><strong>High Risk</strong></td>
<td>Healthcare provider had close contact with patient that was not wearing a facemask AND HCP was not wearing any recommended PPE</td>
<td>Remain in quarantine for 14 days from exposure</td>
<td>Self-monitoring with public health supervision, with contact made once daily for 14 days</td>
<td>Air travel only allowed via medical transport</td>
</tr>
<tr>
<td></td>
<td>HCP close contact with patient that was not wearing a facemask AND HCP was wearing some PPE, but not a facemask or respirator</td>
<td></td>
<td>RCHD will make initial contact on day of notification of exposure</td>
<td>Local travel only allowed via medical transport or private vehicle while</td>
</tr>
<tr>
<td><strong>Medium Risk</strong></td>
<td>Healthcare provider had close contact with patient that was not wearing a facemask AND HCP was wearing some PPE but not eye protection</td>
<td>Remain in quarantine for 14 days from exposure</td>
<td>Self-monitoring with public health supervision, with contact made once daily for 14 days</td>
<td>Postpone long-distance travel</td>
</tr>
<tr>
<td></td>
<td>HCP close contact with patient that was wearing facemask AND HCP not wearing any PPE</td>
<td>Avoid congregating settings, limit public activities, and practice social distancing</td>
<td>RCHD will make initial contact on day of notification of exposure</td>
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<td></td>
<td>HCP close contact with patient that was wearing facemask AND HCP wearing PPE but not a facemask or respirator</td>
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</tr>
</tbody>
</table>

| Low Risk | Healthcare provider had close contact with a patient that was **not** wearing a facemask **AND** the HCP was wearing some PPE, **but not gown or gloves**  
  
  HCP close contact with patient that was **not** wearing a facemask **AND** the HCP was wearing all recommended PPE, **facemask instead of respirator**  
  
  HCP close contact with patient that was wearing a facemask **AND** the HCP was wearing some PPE **but not eye protection, or gown, or gloves**  
  
  HCP close contact with patient that was wearing a facemask **AND** the HCP was wearing all recommended PPE, but facemask instead of respirator  
  
  HCP adherence to all recommended infection control practices including all recommended PPE | No Restrictions if remain asymptomatic | Self-monitoring for 14 days since exposure  
  
  Public Health will make initial contact and provide information regarding self-monitoring for symptoms of COVID-19 infection  
  
  Facility occupational health/IC will coordinate monitoring with RCHD | No Restrictions if remain asymptomatic |

Close contact for healthcare exposure is defined as:
- Being within 6 feet (2 meters) of a person with COVID-19 for a prolonged period of time ( > 10 minutes)
- Having unprotected direct contact with infectious secretions or excretions of the patient

For more information, visit: