Arizona State Public Health Laboratory Testing Matrix

Healthcare providers caring for a patient with fever and/or acute respiratory symptoms should:

- Consider ordering a respiratory viral panel to potentially identify other treatable diagnoses.
- Determine if the patient meets criteria outlined below:

### Criteria to Guide Evaluation of Persons Under Investigation (PUI)

<table>
<thead>
<tr>
<th>Clinical Features</th>
<th>Plus</th>
<th>Epidemiologic Risk</th>
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</thead>
<tbody>
<tr>
<td>Fever¹ OR signs/symptoms of lower respiratory illness (e.g., cough or shortness of breath) NOT requiring hospitalization</td>
<td>AND</td>
<td>Any person, including healthcare workers², who has had close contact³ with a laboratory-confirmed⁴ COVID-19 patient within 14 days of symptom onset</td>
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<tr>
<td>Fever¹ AND signs/symptoms of a lower respiratory illness (e.g., cough or shortness of breath) NOT requiring hospitalization in a person with a critical infrastructure occupation* OR who lives in a congregate setting†</td>
<td>AND</td>
<td>No source of exposure has been identified</td>
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<tr>
<td>Fever¹ AND severe acute lower respiratory illness (e.g., pneumonia, ARDS) requiring hospitalization, radiographic confirmation of pneumonia of unknown etiology</td>
<td>AND</td>
<td>No source of exposure has been identified</td>
</tr>
</tbody>
</table>

¹Fever may be subjective or confirmed.
²For healthcare personnel, testing may be considered if there has been exposure to a person with suspected COVID-19 without laboratory confirmation.
⁴Documentation of laboratory-confirmation of 2019-nCoV may not be possible for travelers or persons caring for patients in other countries.
†Jail/prison, long-term care facility or nursing home, university, or other similar setting.

For all patients who meet COVID-19 PUI criteria:

1. Healthcare personnel entering the room should use droplet, contact, and standard precautions, plus eye protection (e.g., goggles or a face shield) and patients can be evaluated in a private room with the door closed (unless performing aerosol-generating procedures, which should be performed in an AIIR);
2. Immediately notify your healthcare facility’s infection control personnel;
3. Immediately call the Arizona COVID-19 Hotline (1-844-542-8201);

ARIZONA DEPARTMENT OF HEALTH SERVICES

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