### 2019 Novel Coronavirus (2019-nCoV)

**Signs and Symptoms**
- Main symptoms: fever and cough, shortness of breath
- May be: headache, sore throat, general feeling of being unwell (myalgia or fatigue), diarrhea

**Incubation**
Unknown. The estimated incubation period is 5 days (range 2-14 days)

**Case classification**

<table>
<thead>
<tr>
<th>Clinical criteria for Person Under Investigation (PUI)</th>
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<tr>
<td>• Fever (measured or subjective) OR signs/symptoms of lower respiratory illness (e.g. cough or shortness of breath) <strong>AND</strong> close contact* with a laboratory-confirmed 2019-nCoV patient within 14 days of symptom onset</td>
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<tr>
<td>• Fever (measured or subjective) <strong>AND</strong> signs/symptoms of lower respiratory illness (e.g. cough or shortness of breath) <strong>AND</strong> history of travel from Hubei Province, China within 14 days of symptom onset</td>
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<tr>
<td>• Fever (measured or subjective) <strong>AND</strong> signs/symptoms of lower respiratory illness (e.g. cough or shortness of breath) requiring hospitalization <strong>AND</strong> history of travel from mainland China within 14 days of symptom onset</td>
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*Close contact is defined as:
  a) being within approximately 6 feet (2 meters), or within the room or care area, of a 2019-nCoV case for a prolonged period of time (more than 10 minutes) while not wearing recommended personal protective equipment (e.g., gowns, gloves, NIOSH-certified disposable N95 respirator, eye protection); close contact can include caring for, living with, visiting, or sharing a health care waiting area or room with a 2019-nCoV case.
  b) having direct contact with infectious secretions of a 2019-nCoV case (e.g., being coughed on) while not wearing recommended personal protective equipment

**Confirmed:** A person who has tested positive for 2019-nCoV

**Treatment**
There is no specific antiviral treatment recommended for 2019-nCoV and no vaccine available.

**Duration**
Unknown. Assumed to be contagious while symptomatic, possibly before and after as well.

**Exposure**
Based on other coronaviruses, person-to-person transmission likely happens primarily through respiratory droplets from coughing or sneezing, but may occur through close personal contact, such as shaking hands, touching an object or surface with the virus on it and then touching mouth, nose, or eyes before washing hands; rarely fecal contamination with coronavirus present may be an exposure.

**Laboratory testing**
Call 206-418-5500 for laboratory pre-approval. As of 1/31/2020, only Centers for Disease Control and Prevention (CDC) has testing capacity. Specimen collection, shipping and handling information:
https://www.doh.gov/ForPublicHealthandHealthcareProviders/PublicHealthLaboratories/MicrobiologyLabTestMenu

- **Best specimens (collected while wearing full personal protective equipment):**
  - Nasopharyngeal (NP) AND oropharyngeal (OP) swabs – synthetic swab in viral transport medium;
  - Sputum or other lower respiratory if readily available or if intubated – in sterile container.
  - Other specimens may be requested if case is confirmed (serum, stool, & urine)
  - Also recommend provider send a nasal swab to a clinical lab for rapid flu and respiratory panel

- **Specimen collection and shipping and handling information:** Keep specimens cold (2-8°C) up to 72 hours; ship with Bioterrorism form; include two identifiers on specimens and form.

**Public health actions**
- Coordinate testing with Washington State Department of Health (206-418-5500) for individuals who meet the person under investigation criteria.
  - Interview PUI to determine any close contacts since becoming symptomatic
  - Close contacts may be placed in active or self (passive) monitoring depending on exposure type
    - Persons under active monitoring should measure their temperature twice daily and monitor themselves for symptoms. Local public health will contact them at least once a day for results of
their monitoring. If the person under active monitoring experiences any symptoms on the tracking log, they should contact the LHJ immediately.
  - Persons under self-monitoring should measure their temperature twice daily and monitor themselves for symptoms. If the person under self-monitoring experiences any symptoms on the tracking log, they should contact the LHJ immediately.

- For more information on the monitoring process, including symptom tracking logs, see: https://www.doh.wa.gov/Portals/1/Documents/1600/GuidanceforContactMonitoring2019-nCoV.pdf
- For the most up-to-date information on 2019-nCoV, visit the CDC 2019 Novel Coronavirus site: https://www.cdc.gov/coronavirus/2019-ncov/index.html or the Washington State Department of Health Novel Coronavirus Outbreak 2020 site: https://www.doh.wa.gov/Emergencies/Coronavirus

**Infection Control:**  
Those who meet criteria as person under investigation should:
- Stay home except to get medical care
- Separate themselves from other people in their home including separate sleeping area and if possible separate bathroom
- Call their doctor before visiting and identify themselves as needing evaluation for 2019-nCoV
- Wear a facemask while in the healthcare facility or in a room with another person
- Practice respiratory etiquette
- Practice frequent hand hygiene
- Avoid sharing household items like dishes, eating utensils, towels, bedding and other household items

CDC Interim guidance for Preventing 2019-nCoV from Spreading to Others in Homes and Communities can be found here: https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-prevent-spread.html