

2019 Novel Coronavirus Outbreak Update and Healthcare Provider Guidance

Outbreak Background:

The 2019 novel coronavirus (2019-nCoV) outbreak originating in **Wuhan City, Hubei Province, China** began in December 2019 and has been linked to a large seafood and animal market, suggesting a possible zoonotic origin. **Human-to-human transmission has been confirmed.** 2019-nCoV cases have been confirmed in multiple countries with most of the cases in China.

The first case of 2019-nCoV was [reported in a person in Maricopa County on January 26, 2020.](#)

People infected with 2019-nCoV present with:

- **Fever and/or**
- **Acute respiratory symptoms, such as cough and shortness of breath.**

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

- Obtain travel history, **including to Wuhan City and/or Hubei Province and/or China**, for the 14 days prior to symptom onset;
- Consider adding travel screening to Wuhan City and/or Hubei Province and/or China to your patient triage protocol, and;
- Determine if the patient meets criteria outlined below:

Criteria to Guide Evaluation of Patients Under Investigation (PUI)

Clinical Features	Plus	Epidemiologic Risk
Fever* OR signs/symptoms of lower respiratory illness (e.g., cough or shortness of breath)	AND	Any person, including health care personnel, who has had close contact[†] with a laboratory-confirmed^{††,§} 2019-nCoV patient within 14 days of symptom onset
Fever* AND signs/symptoms of a lower respiratory illness (e.g., cough or shortness of breath)	AND	A history of travel from Hubei Province, China within 14 days of symptom onset
Fever* AND signs/symptoms of a lower respiratory illness (e.g., cough or shortness of breath) requiring hospitalization[§]	AND	A history of travel from mainland China within 14 days of symptom onset

* Fever may be subjective or confirmed.

† Close contact is defined at the [CDC website](#).

†† Documentation of laboratory-confirmation of 2019-nCoV may not be possible for travelers or persons caring for patients in other countries.

§ Category also includes any member of a cluster as defined at the [CDC website](#).

If you are evaluating a patient who meets the PUI criteria, please:

- 1) Place patient in an **airborne infection isolation room (AIIR), if possible*, AND;**
- 2) **Implement airborne and contact precautions**, and ensure all healthcare personnel use an **N95 respirator, gown, gloves, and eye protection** (e.g., goggles or a face shield that covers front/sides of face) **AND;**
- 3) Immediately **notify your healthcare facility's infection control personnel AND;**
- 4) Immediately **notify Maricopa County Department of Public Health** for reporting, testing recommendations, and CDC laboratory approval:
 - a. **Monday–Friday 8AM–5PM** — call **(602) 506-6767** and ask for a Surveillance Nurse or;
 - b. **After 5PM and on weekends** — call **(602) 747-7111** and ask for the Provider On-Call.

*For facilities that do not have an AIIR, testing should be performed by a healthcare provider using an **N95 respirator, gown, gloves, and eye protection** (e.g., goggles or face shield that covers the front/sides of the face) in a **private room** with the door closed. Avoid use of that room for additional patients until the room has been cleaned with a 1:10 dilution of bleach solution and 2 hours have passed, if possible.