

## COVID-19 Symptoms Assessment

Client Review Document

### Overview

This COVID-19 Symptoms Assessment is to be used by anyone who is concerned about COVID-19 and would like to have information relevant to their health status. The assessment asks if the user has symptoms of COVID-19. It also assesses whether the individual is in a high-risk group. There is also an assessment of emergency warning signs that require immediate medical attention. The assessment is for people ages 2-89. Parents or guardians should complete the assessment for children.

### Main Scientific Basis

The assessment uses CDC guidance<sup>1</sup> on COVID-19 symptoms, high risk conditions, prevention, and steps to take if the user is sick. The assessment may also be used by people who do not have symptoms or who have had close contact with someone who has COVID-19. Other questions and information in the assessment are from the following sources:

- The list of symptoms and high-risk conditions is based on a published report<sup>2</sup> of early cases in China in January through February 2020.
- The list of high-risk conditions and emergency warning signs is from May 2020 CDC guidance.<sup>3</sup>
- Advice to those exposed to others with COVID-19 is from May 2020 CDC guidance.<sup>4</sup>
- Information about common symptoms in children is from studies of children infected in China.<sup>5</sup>
- **Conforms to CDC and WHO guidelines current as of September 2020.**

It takes three to five minutes to answer the questions included in the assessment.

### Key Results Provided (Client Portal)

People taking the assessment receive feedback that is tailored to the individual's self-described symptoms and whether or not they are in a high-risk category. The following is a summary of the results messages:

Category	Result message
People with emergency warning signs	Seek emergency care immediately
People with 1 or more common symptoms	Contact doctor for next steps
People in an at-risk group with symptoms	Contact doctor for next steps
People with two or more other symptoms	Monitor symptoms, contact doctor if symptoms worsen
People who have had close contact to someone with COVID-19 or someone who is under investigation for COVID-19	Self-quarantine 14 days, monitor health, contact doctor if symptoms develop
People in an at-risk group with no symptoms	Stay home and away from other people

All others	Continue to practice social distancing
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All users are given this message on the results screen:

**The situation with the COVID-19 is changing quickly. Be sure to follow local guidelines and contact your doctor with questions and concerns.**

## Summary

The online COVID-19 Symptoms Assessment is for education purposes only and is not intended to be used as a diagnostic tool or as a replacement for evaluation by a healthcare professional.

## References

1. Centers for Disease Control and Prevention. Symptoms of Coronavirus (COVID-19). <https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>. Accessed September 9, 2020.
2. World Health Organization. Report of the WHO-China Joint Mission on Coronavirus Disease 2019 (COVID-19). February 2020. <https://www.who.int/docs/default-source/coronaviruse/who-china-joint-mission-on-covid-19-final-report.pdf>. Accessed September 9, 2020.
3. Centers for Disease Control and Prevention. Testing for COVID-19. <https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/testing.html>. Accessed September 9, 2020.
4. Centers for Disease Control and Prevention. Preventing the Spread of Coronavirus Disease 2019 in Homes and Residential Communities. <https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-prevent-spread.html>. Accessed September 9, 2020.
5. Dong Y, Mo X, Hu Y, et al. Epidemiological characteristics of 2143 pediatric patients with 2019 coronavirus disease in China. *Pediatrics*. 2020; doi: 10.1542/peds.2020-0702.