



Clinical Care Considerations

Clinical considerations for care of children and adults with confirmed COVID-19

Updated May 27, 2022

This collection of content provides clinicians and public health professionals with key information and evidence for clinical considerations when diagnosing and managing patients infected with SARS-CoV-2, the virus that causes COVID-19. For evidence-based treatment recommendations for COVID-19, visit the National Institutes of Health (NIH) [COVID-19 Treatment Guidelines](#) prepared by the [COVID-19 Treatment Guidelines Panel](#). Also see [Variants of the Virus](#) and [Vaccines for COVID-19](#).

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Key Points

- The clinical presentation of COVID-19 varies from asymptomatic infection to critical illness; symptoms can vary over time.
- When testing for current SARS-CoV-2 infection, [CDC](#) recommends that clinicians use molecular or antigen tests (viral tests) that detect SARS-CoV-2 or its components, not a serologic test that detects antibodies. A chest radiograph or computerized tomography (CT) images alone are not recommended to diagnose COVID-19.
- Clinicians [caring for special populations](#) including children, pregnant and recently pregnant people, people who are moderately or severely immunocompromised, people with confirmed or suspected multisystem inflammatory syndrome, and people with post-COVID conditions may have additional clinical considerations.

COVID-19

Summary of Updates

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NEW As of May 27, 2022

- Updated information on the clinical presentation and course of COVID-19 among adults and children, including information about SARS-CoV-2 variants and reinfection
 - New section about pregnancy and recent pregnancy
 - New section on moderately or severely immunosuppressed populations
 - Details on multisystem inflammatory syndrome
 - Clarification of post-COVID conditions
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As of February 12, 2021

- New information on potential for under-detection of occult hypoxemia by pulse oximetry, especially among persons with dark skin
- New information on dermatologic manifestations associated with COVID-19
- New information on prolonged shedding of replication-competent SARS-CoV-2 in severely immunocompromised persons
- New information on reports of reinfection with variant viruses

As of November 3, 2020

- New information for Laboratory and Radiographic Findings
- New information for Pediatric Considerations
- Revisions for clarity and significant updates to footnotes throughout
- Influenza alert box
- Information on FDA approval of remdesivir

As of October 27, 2020

- Updated content to Reinfection

As of September 10, 2020

- Updated content to Reinfection

As of June 20, 2020, to reflect the following:

- Updated content to Clinical Presentation
- New information about Reinfection
- New information about Therapeutics
- Minor revisions for clarity and updates to footnotes throughout

As of May 29, 2020

- Refer to updated [symptoms of Coronavirus](#)

As of May 25, 2020

- Refer to new [multisystem inflammatory syndrome in children \(MIS-C\) guidance for healthcare providers](#)

As of May 20, 2020

- Refer to new guidance for [Evaluation and Management Considerations for Neonates At Risk for COVID-19](#)

As of May 12, 2020

- New information about COVID-19-Associated Hypercoagulability

- Updated content and resources to include new NIH Treatment Guidelines
- Minor revisions for clarity

Names of specific vendors, manufacturers, or products in this collection of content are included for public health and informational purposes; inclusion does not imply endorsement of the vendors, manufacturers, or products by the Centers for Disease Control and Prevention or the US Department of Health and Human Services.

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