

## SYNOPSIS

02/19/2020

# Review of “Novel coronavirus infection in hospitalized infants under 1 year of age in China”

**Article citation:** Wei M, Yuan J, Liu Y, Fu T, Yu X, Zhang Z. Novel coronavirus infection in hospitalized infants under 1 year of age in China. *JAMA*. 2020 Feb 14 [Epub ahead of print]. Available from: <https://jamanetwork.com/journals/jama/fullarticle/2761659>

## One-Minute Summary

- This research letter provides details on all hospitalized infants diagnosed with coronavirus disease 2019 (COVID-19) infection between December 8, 2019 and February 6, 2020 in China, with infants aged 28 days to 1 year specified in the study's inclusion criteria.
- Of the **nine hospitalized infants**, seven were female and the age range was 1-11 months.
  - All were infected following a family member's infection.
- Of the seven for whom symptom information was available:
  - Four had a history of fever
  - Two had mild upper respiratory tract symptoms
  - **One was asymptomatic**
- **None of the infants required intensive care or had any severe complications.**

## Additional Information

- Infection was defined as two positive test results using real-time PCR.
- The time between admission and diagnosis was one to three days.
- The asymptomatic child was tested following known exposure to an infected family member.
- Case counts and age were identified using data released by the central government; further information was then retrieved through contacting local hospitals and the Chinese Center for Disease Control and Prevention.

## PHO Reviewer's Comments

- At the time of publication, the authors note that China had reported 31,211 confirmed cases; however, they did not provide the total number of cases in children, nor the total number of hospitalizations amongst all cases.

## Citation

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