

## 2019 Novel Coronavirus (2019-nCoV) Pneumonia

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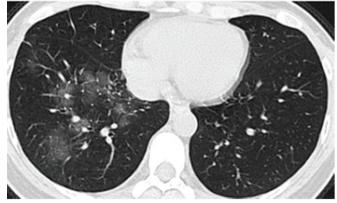
Conflicts of interest are listed at the end of this article.

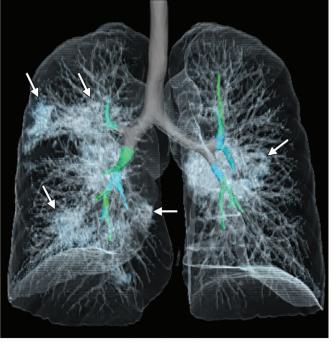
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b.

Images in a 41-year-old woman who presented with fever and positive polymerase chain reaction assay for the 2019 novel coronavirus (2019-nCoV). (a) Three representative axial thin-section chest CT images show multifocal ground glass opacities without consolidation. (b) Three-dimensional volume-rendered reconstruction shows the distribution of the ground-glass opacities (arrows). See also three-dimensional Movie (online).

a.

41-year-old woman with a travel history to Wuhan, China, where the 2019 novel coronavirus (2019-nCoV) was spreading (1), presented with a 4-day history of fever. Laboratory examinations and chest radiographs were negative. Chest CT (Figure) showed multifocal ground-glass opacities in the perihilar and subpleural regions of both lungs, a common finding of 2019-nCoV—infected pneumonia (2–5). A throat swab was positive for 2019-nCoV on the real-time reverse transcription polymerase chain reaction assay. The patient was immediately isolated for clinical monitoring.

**Disclosures of Conflicts of Interest:** P.L. disclosed no relevant relationships. X.T. disclosed no relevant relationships.

## References

- Zhu N, Zhang D, Wang W, et al. A Novel Coronavirus from Patients with Pneumonia in China, 2019. N Engl J Med 2020 [Epub ahead of print].
- Huang C, Wang Y, Li X, et al. Clinical features of patients infected with 2019 novel coronavirus in Wuhan, China. Lancet 2020 [Epub ahead of print].
- 3. Lei J, Li J, Qi X. CT Imaging of the 2019 Novel Coronavirus (2019-nCoV) Pneumonia. Radiology 2020 (in press).
- Kanne J. Chest CT findings found in 2019-nCoV infections from Wuhan, China: What is Currently Known. Radiology (in press).
- Chung M, Bernheim A, Mei X, et al. CT imaging features of 2019 novel coronavirus (2019-nCoV). Radiology (in press).

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