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Clinical value of the emergency department in screening and diagnosis of COVID-19 in China

Key words: COVID-19, SARS-CoV-2, Emergency department

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Research Summary

- An outbreak COVID-19, which began in Wuhan city, has spread rapidly in China since December 2019, and international spread through travelers is already occurring. SARS coronavirus 2 (SARS-Cov-2) has been identified as the cause of this respiratory illness. During this public health crisis, the emergency department, as the second line of medical defense in hospitals, has irreplaceable clinical value in the accurate screening and diagnosis of COVID-19.

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Innovation points

- **For the screening and diagnosis of COVID-19, inquiry into the patient's epidemiological history requires meticulousness and patience.**
- **The medical staff should pay attention to the patient's psychological state.**
- **Lung CT and real-time fluorescence RT-PCR has clear clinical significance.**
- **Protection of the medical staff in the emergency department is particularly important.**
- **Therefore, as the second line of medical defense, the emergency department has irreplaceable clinical value in the accurate screening and diagnosis of COVID-19.**

