

**Name of Journal:** *World Journal of Virology*

**Manuscript NO:** 55920

**Manuscript Type:** LETTER TO THE EDITOR

**Case of COVID-19 presenting with gastrointestinal symptoms**

### Abstract

Patients with coronavirus disease 2019 (COVID-19) predominantly present with the pulmonary symptoms such as fever, cough, and shortness of breath. We present a case of an 83 years old patient with COVID-19 who presented with only gastrointestinal symptoms without respiratory complaints. Our case raises the concern regarding our current lack of understanding of extrapulmonary manifestations of COVID-19. Given genetic homology between 2019 severe acute respiratory syndrome coronavirus (SARS-CoV) 2 and SARS-CoV, our case underscores the urgent need for further studies to understand the role of the gastrointestinal system in 2019 SARS-CoV-2 transmission and COVID-19 pathogenesis.

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Coronavirus (COVID-19) pandemic

OVERVIEW

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China (mainland) cases

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84,489 +96	3,342	78,987 +110
See breakdown		

Global cases

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Confirmed	Deaths	Recovered
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See breakdown		

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Coronavirus disease

cdc.gov

Prevention

cdc.gov

Advice for the public

who.int

COVID-19 tracker

bing.com/covid

Data from: CDC · WHO · ECDC · Wikipedia · 24/7 Wall St. · BNO News · Trending data represents changes over last 24 hours

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Prevention

Symptoms

Treatment

Testing

More info

## Coronavirus (COVID-19) statistics

### Gansu cases

Updated May 9 at 9:17 AM local

Confirmed

139

Deaths

2

Recovered

137

### China (mainland) cases

Updated May 9 at 9:17 AM local

Confirmed

88,423

Deaths

4,633

Recovered

81,785

See breakdown ▾

### Global cases

Updated May 9 at 9:17 AM local

Confirmed

3,935,828 +99,613

Deaths

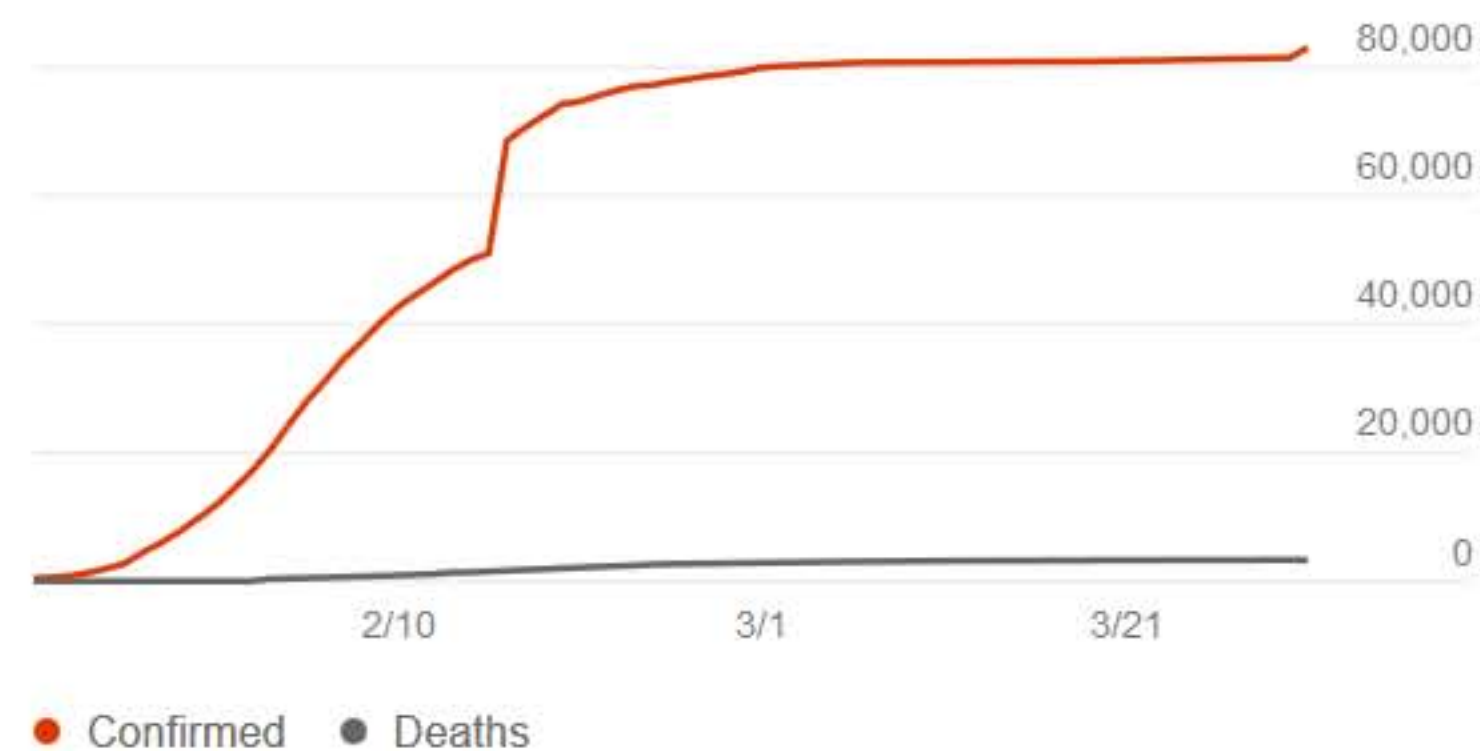
274,655 +5,656

Recovered

1,319,306 +40,807

### Spread over time in China (mainland)

Click on the graph to see more



### Top resources

Coronavirus disease

cdc.gov

Prevention

cdc.gov

Advice for

who.int





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## Coronavirus (COVID-19) symptoms

Symptoms of COVID-19 include cough, shortness of breath, difficulty breathing, or at least two of the following symptoms: chills, shaking with chills, muscle pain, headache, sore throat, and loss of taste or smell. Symptoms can range from mild to severe and may appear up to two weeks after exposure to the virus, according to the CDC. Some people with COVID-19 don't display any symptoms.

Seek medical attention if you experience serious symptoms such as trouble breathing or pain or pressure in the chest.

CDC: Symptoms

<https://www.cdc.gov/coronavirus/2019-ncov/about/symptoms.html>

CDC: Caring for yourself at home

<https://www.cdc.gov/coronavirus/2019-ncov/if-you-are-sick/caring-for-yourself-at-home.html>

WHO: Myth busters

<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/advice-for-public/myth-busters>

Data from: CDC · WHO · ECDC · Wikipedia · See full list · Trending data represents changes over last 24 hours

Feedback

### Beijing cases

Updated May 11 at 5:59 PM local

Confirmed

593

Deaths

9

Recovered

568

+3

### China (mainland) cases

Updated May 11 at 5:59 PM local

Confirmed

88,423

Deaths

4,633

Recovered

81,785

See breakdown



### Global cases

Updated May 11 at 5:59 PM local

Confirmed

4,116,767

+92,030

Deaths

282,872

+3,559

Recovered

1,418,017

+42,163

See breakdown



Digestive Symptoms of Coronavirus (COVID-19)

Spread over time in China (mainland)