COVID-19 pandemic: pathophysiology and manifestations from the gastrointestinal tract

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Abstract

The pandemic of Coronavirus disease 2019, caused by a newly identified β-coronavirus (SARS-CoV-2) has emerged as a dire health problem, causing a massive crisis for global health. Primary method of transmission was firstly thought to be animal to human transmission. However, it has been observed that the virus is transmitted from human to human via respiratory droplets. Interestingly, SARS-CoV-2 Ribonucleic acid (RNA) has

COVID-19 pandemic: Pathophysiology and Manifestatic

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COVID-19 Can Infect and Harm Digestive Organs

https://www.webmd.com/lung/news/20200514/covid-19... ▾

May 14, 2020 · But in the new study, "a subgroup of COVID-19 patients was found to have more involvement of the gastrointestinal tract with intense symptoms of **nausea**, **vomiting and diarrhea** ...
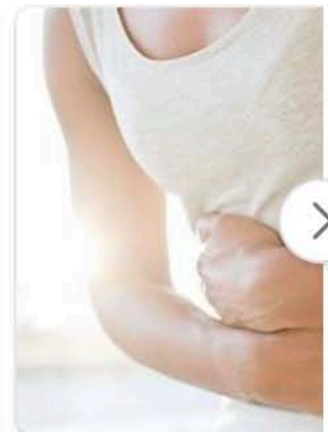
Gastrointestinal and Liver Manifestations of COVID-19 ...

https://www.sciencedirect.com/science/article/pii/S097368832030027X

The virus known as SARS-CoV-2, which **causes** the **disease COVID-19**, has caused a global **pandemic** in a few short months. 1 As of March 29, 2020, there have been over 634,885 confirmed cases globally, and over 29,997 reported deaths worldwide. Although the virus primarily presents as a lower respiratory **tract** infection and is transmitted via respiratory droplets, there are ...

Images of COVID-19 Pandemic Pathophysiology and Manifestation...

bing.com/images

See more images of COVID-19 Pandemic Pathophysiology and Manifestations From the Gastrointestinal Tract

Digestive Symptoms of Coronavirus (COVID-19)

https://www.webmd.com/lung/covid19-digestive-symptoms ▾

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Gastrointestinal manifestations of COVID-19 | Cleveland ...

https://www.ccjm.org/content/early/2020/06/16/ccjm.87a.ccc049 ▾

Jun 18, 2020 · **Gastrointestinal** (**GI**) **symptoms** are seen in patients with **COVID-19**. The **prevalence** could be as high as 50%, but most studies show ranges from 16% to 33%. Presenting with **GI symptoms** increases the risk of testing positive for **SARs-CoV-2**. Approximately 50% of patients with **COVID-19** have detectable virus in their stool.

Author: Sara El Ouali, Jean-Paul Achkar, Bret ...   **Publish Year:** 2020

Coronavirus disease 2019 (COVID-19) - Symptoms and causes ...

https://www.mayoclinic.org/diseases-conditions/... ▾

Causes. Infection with the new coronavirus (severe acute respiratory syndrome coronavirus 2, or SARS-CoV-2) **causes** coronavirus **disease** 2019 (**COVID-19**).The virus appears to spread easily among people, and more continues to be discovered over time about how it spreads.

Gastrointestinal and hepatic manifestations of COVID-19: A ...

https://pubmed.ncbi.nlm.nih.gov/32476796

The **severe acute respiratory syndrome-coronavirus-2** (SARS-CoV-2) that **causes coronavirus disease-2019** (COVID-19) is a global pandemic, manifested by an infectious pneumonia. Although patients primarily present with fever, cough and dyspnea, some patients also develop gastrointestinal (GI) and **hepatic manifestations**.

Cited by: 8   Author: Ming Han Cha, Miguel Regueiro, Dalbir S...

Coronavirus (COVID-19)

Also known as: SARS-CoV-2, 2019 Novel Coronavirus, nCov

COVID-19 is a new illness that can affect your lungs and airways. It's caused by a virus called coronavirus.

- Symptoms of coronavirus (COVID-19) are a cough, a high temperature and shortness of breath.

- Simple measures like washing your hands often with soap and water can help stop viruses like coronavirus (COVID-19) spreading.

- There's no specific treatment for coronavirus (COVID-19). Treatment aims to relieve the symptoms until you recover.

- It's not known exactly how coronavirus (COVID-19) spreads from person to person, but similar viruses are spread in cough droplets.

Data from: **NHS**

Consult a medical professional for advice

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Coronavirus   Statistics   Trends   Prevention   **Symptoms**   Treatment   Testing   More info

Coronavirus (COVID-19) symptoms   · · ·

COVID-19 affects different people in different ways. Most infected people will develop mild to moderate illness and recover without hospitalization.

Take a self-assessment with CDC

Most common symptoms include:

- Fever
- Dry cough
- Tiredness

Less common symptoms:

- Aches and pains
- Sore throat
- Diarrhea
- Conjunctivitis
- Headache
- Loss of taste or smell
- a rash on skin, or discoloration of fingers or toes

Serious symptoms:

- Difficulty breathing or shortness of breath
- Chest pain or pressure
- Loss of speech of movement

Seek immediate medical attention if you have serious symptoms. Always call before visiting your doctor or health facility.

Beijing cases
Updated Aug 11 at 5:26 PM local

Confirmed	Deaths	Recovered
929	9	881

China (mainland) cases
Updated Aug 11 at 5:26 PM local

Confirmed	Deaths	Recovered
84,712	4,634	79,284
+44		+52

See breakdown   ⌄

Global cases
Updated Aug 11 at 5:26 PM local

Confirmed	Deaths	Recovered
20,011,186	734,755	12,222,744
+142,059	+3,302	+101,717

See breakdown   ⌄

Confirmed cases