

Extra Pulmonary Manifestation of COVID 19 i.e., Gastrointestinal Symptoms in COVID 19 Received in OPD/IPD of Chugh Multispecialty Hospital - A single Centric Study.

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Abstract

COVID-19 Virus is mainly transmitted through drops generated when an infected person coughs, sneezes, or exhales. These droplets are too heavy to hang in the air, and quickly fall on floors or surfaces.¹

The person might acquire infection very soon, if you are within close proximity of someone who has COVID-19, or by touching a contaminated surface and then your eyes, nose or mouth. The pandemic disease COVID-19 affects different people in different ways. Those who get infected will develop mild to moderate illness and recover without hospitalization.²

- Most common symptoms:
- Fever
- Dry cough
- Tiredness
- Less common symptoms:
- Aches and pains
- Sore throat
- Diarrhea
- Conjunctivitis
- Headache
- Loss of taste or smell

Besides these symptoms the patient received in OPD/IPD with or without Fever history such as pain abdomen, loose stools and vomiting when tested found positive and managed accordingly. Totally patient received in OPD/IPD during the month of Mid March to Mid May totally screened patient with suspicion of COVID has been tested RT PCR Positive 58 patient out of total hospitalization and OPD footfall.

Extra pulmonary features are common in COVID 19 and commonest being the gastrointestinal.³

Keywords: COVID, GIT, Extra Pulmonary, RT PCR.

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Introduction

COVID 19 has presented with different kind of A fever dry cough, and shortness of breath are hallmark signs COVID-19, the illness caused by the new coronavirus. But early research suggests that another common symptom may be gastro intestinal.⁴

Those symptoms can stem from other common causes, including stomach discomfort. But if you have COVID-19, Gastro intestinal problems may slow your recovery.

The person acquire the virus infects your body, it can destroy healthy cells and make multiple copies of itself. COVID-19 mainly attacks the cells lining your airways.⁵ By this mechanism makes it hard for you to breathe and can lead to pneumonia. But researchers think the illness also may harm your digestive tract and liver tissue.

The COVID 19 acquired infection with digestive symptoms were more likely to have a positive stool test for the coronavirus, which means they had SARS-CoV-2 RNA in their poop. It also took them longer to clear the virus from their bodies, compared to those without gastrointestinal symptoms.⁶

Gastro Intestinal Symptoms -

Total Patients Received -

Sr. No	Psymptoms	Percentage	Total patient Received
1.	Loose Stools	64 %	28
2.	Vomiting	58 %	22
3.	Bloating	32 %	17
4.	Nausea	28%	11
5.	Combination of Above	22 %	7

Total Patient received 85 from Mid March to Mid

may 2021 with the extra Pulmonary symptoms, has been shown above.

Observation - The above statistics observed and drawn inferences as the out of 85 patient with GIT symptoms in COVID Symptoms the most common being the loose stools and nausea being the least one. Patients do have the combination of all also considered.

Conclusion - COVID 19 presents with different kind of variation including Pulmonary and Extra Pulmonary, The Study Conducted here from Mid March to Mid May received total 85 patients as shown in the data. The study comprises of all patients received in OPD and IPD during the period. The key note message made from the study that the COVID in multivariate in different systems and gastro intestinal symptoms cannot be overlooked.

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