

# Editorial Note for Special Issue: COVID - 19 Impact on Human Body & community

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## Editorial Note

Without all continual growth and progress, such words as improvement, achievement, and success have no meaning. Founded in 2013, Journal of General Practice (ISSN: 2329-9126) is growing continuously. As we all know COVID-19 pandemic compasses over the globe, it is critical to comprehend the transmission and the impact of the infection which has made it a pandemic. COVID-19 has a place with the coronavirus family, which likewise incorporates the SARS infection (Severe Acute Respiratory Syndrome) and MERS (Middle East Respiratory Symptoms) infection. The group of Coronavirus incorporates infection strains that cause the regular cold and influenza.

So in aspect of this to bring more awareness COVID-19 we initiated special issue COVID - 19 Impact on Human Body & community. How COVID-19 is affecting different parts of human body. As we know primarily its pleasure to announce special issue on COVID-19 that during year 2020. There is an immediate relationship between's COVID-19 and ARDS, serious instances of COVID-19 contamination prompts ARDS and pneumonia, which can end up being lethal for the tainted person. Intense Respiratory Distress Syndrome causes dry hack, substantial breathing, breathing challenges and expanded pulse. In most sound people, who don't have basic issues COVID-19 displays gentle side effects, which can be treated with meds and in the end the patients recoup. In serious cases, where the tainted individual has a disabled resistance because of basic wellbeing conditions, a disease due to COVID-19 can advance to extreme ARDS. When the patient advances to ARDS, it in the end prompts pneumonia.

## Impact of ARDS on lungs

COVID-19 straightforwardly impacts the lungs and harms the alveoli (small air sacs). The capacity of the alveolus is to move oxygen to the veins. These veins or vessels convey the oxygen to the RBCs (Red platelets). The RBCs at long last convey the oxygen to all the inward organs in the body.

The infection works by harming the divider and the coating of the alveolus and vessels. The flotsam and jetsam from the harm, which is plasma protein aggregates on the alveolus divider and thickens the covering. As the dividers' thicken, the exchange of oxygen to the red platelets is impeded. The thicker the divider gets, the more troublesome it gets the chance to move oxygen to the red platelets, which causes trouble in breathing as the body is running low on oxygen. Also, the absence of oxygen to the inner organs brings about a shortage in the body and hinders the working of the organs. At this point, the body battles to expand oxygen consumption.

What's more, the primary reaction of the body is to decimate the infection and forestall its replication, yet in the event that the individual has more

fragile invulnerability, at that point the body can't stop the infection, and this disturbs the emergency.

## Intense cardiac injury

Studies have demonstrated that patients in China who were determined and hospitalized to have COVID-19 had built up some heart issues, including arrhythmias. Scientists from Washington, U.S.A, examined patients who were very sick due to COVID-19 and they found that the patients were additionally determined to have elevated levels of heart issues. It's accepted that COVID-19 may cause genuine cardiovascular confusions long after a patient has recuperated from coronavirus. Notwithstanding, since this infection is novel its suggestions on the heart are as yet obscure.

## Auxiliary disease

As auxiliary disease happens when you contract a contamination that is disconnected to the main issue you had. For this situation, in the event that somebody with COVID-19 starts to get tainted with another infection. Audits and studies that were done on COVID-19 patients, who were hospitalized, have discovered that optional disease is very conceivable, however it's not normal. It can happen when the patient's insusceptibility is very frail; along these lines, on the off chance that they are fending off an infection (or recouping from it) they can get a bacterial contamination. Strep and bacterial sicknesses are regular guilty parties. On the off chance that the contaminations are not rewarded right away. They can be not kidding enough to hazard passing.

## Septic stun

Sepsis happens when the body's response to a disease gets sidetracked. The synthetic substances that are discharged in the blood, to fight the sickness, don't trigger the right reaction and your organs are influenced contrarily. In the event that the Sepsis procedure isn't halted, at the earliest opportunity, at that point you can go into a septic stun state; particularly in the event that your circulatory strain drops excessively, at that point septic stun can risky.

## Intense kidney injury

This is an uncommon entanglement, however on the off chance that it occurs, at that point it very well may be very genuine. In the event that your kidneys quit working, at that point the specialists will begin treatment to diminish the harm, right away. You might be put on dialysis (a machine that channels your blood) until your kidneys begin working ordinarily. Now and

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again, the harm won't mend totally and individuals will get constant kidney infection, which will require long haul the executives.

## Blood clumps

Blood clumps can be caused because of a condition called dispersed intravascular coagulation (DIC). Because of this condition, the body's blood coagulating reaction will work uniquely in contrast to it should; surprising clusters will start to conform to significant organs of the body and it will prompt inner draining and organ disappointment, if not rewarded at the most punctual. An examination among Chinese COVID-19 patients has indicated that DIC was normal among the perished patients.

In the same way how this is affecting community and guidelines should followed by the people. There are lots of aspects to prevent COVID-19.

Manuscripts submitted to this Special Issue entitled "COVID - 19 Impact on Human Body & community" were Peer-Reviewed by the Standard procedure of The Journal of General Practice. Main aim of this issue is to publish latest Research, Review, Case Reports and other type of manuscripts. Authors are leading experts coming from universities, research centers, industries, and hospitals located all around the world in Europe, America, Asia, and Australia.

All published articles of this journal are included in the indexing and abstracting coverage of Google Scholar, Sherpa Romeo, Open J Gate,

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