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Intestinal gangrene in Covid patients- a study of peri-operative operative profile

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Novel Coronavirus (Severe Acute Respiratory Distress-CoV2) was first reported in Wuhan, China in December 2019. Covid-19 was declared a pandemic by the WHO on 11th of March 2020. This new disease caused by a novel virus with survival and transmission abilities far greater than anything mankind had seen in a hundred years posed a public health threat so dire, that countries had to be shutdown. The myriad of manifestations it brought with it posed numerous challenges to the scientific community. The most commonly reported clinical manifestations of COVID-19 are fever, myalgia, cough, dyspnea, and less frequently, headache, diarrhea, nausea, and vomiting. Serious disease outcomes are dependent on the ability of the virus to bind to the ACE 2 receptor which facilitates entry into epithelial cells. This can lead in the lungs to a severe host hyperimmune response with a life-threatening cytokine storm resulting in the systemic inflammatory response syndrome. In the gastrointestinal tract the mechanism is similar, and evidence for infection by SARS-CoV-2 has come from hospitalized patients who tested positive for the virus in stool. This study included 12 covid patients who presented with symptoms of abdominal pain and later intestinal obstruction. 2 patients had respiratory involvement with CORADS score of ≥ 4 , 5 had CORADS 3 and 5 patients ≤ 3 . All the patients in this study had intestinal gangrene as an intra-operative finding. There was mortality in 4 patients and 8 patients recovered.

Biography:

Tausif Syed Kamal, Consultant General & Endo-Laparoscopic surgeon -Excellent knowledge of Disease diagnosis, within the limited availability of resources. Sound knowledge of medication. Good patient serving skills. Problem solving skills. Easy going nature. Can manage stressed situation. Easily handle emergency case. Masters in surgery from Pravara Rural medical college in year 2016. Have worked under an intensivist in a well equipped ICU with vast experience in critical and acute care. Participated in the 1st World Congress of GI endoscopy held in Hyderabad. Cleared endoscopic fellowship EFIAGES in 2017 under Dr. Easwar Moorthy. Appeared and cleared Dip Mass Hepato biliary surgery under Dr. Prashanth Rao and FMAS in 2018. I have been working in Al Ameen medical college, Vijaypur for 5 yrs now and am eligible for associate post. I would be interested for the said post either full time or part time as per the requirement of the institute. medical college, Vijaypur for 5 yrs now and am eligible for associate post. I would be interested for the said post either full time or part time as per the requirement of the institute.

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