



Review article

Current Potential Treatment Strategies for the Deadly, COVID-19

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Received on: 18/01/2021, Revised on: 28/01/2021, Accepted on: 10/02/2021, Published on: 01/04/2021.

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Keywords: COVID 19, vaccine, convalescent plasma, clinical trial, SARSCOV2.

Vol. 8 (2): 23-39, Apr-Jun, 2021.

Abstract

Coronavirus disease (COVID 19) caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is the latest threat to the global health which has devastated human life, health and economy to extreme condition. Due to this, the entire world has faced lockdown for the first time in decade. Till now, no drugs have been approved for treatment of COVID 19, it is managed by timely diagnosis and treatment based on symptoms. The outbreak of the disease has been so rapid that the entire world is under fear. The report of this pandemic situation given by WHO is alarming the need for developing effective medication to combat the devastating scenario. So, we have conducted extensive review on different drugs, their mechanism, various vaccines which are undergoing clinical trial and those who have got some satisfactory outcome. Apart from this, plasma therapy has also shown some promising results against COVID 19, where 200-300 ml plasma infusion is given to COVID 19 patients. Since the need of the hour is to get an effective treatment strategy on an emergency basis, so a vast investigation will reveal the treatment strategy which has got some promising results. This review highlights various drugs, vaccines and plasma, their mechanism of action and dose at which they can be effective against COVID 19 as well as their clinical trial status and report. Thus this review, summarizes all the possible treatment strategies that can be effective against the global pandemic.