

IMPLICATIONS FOR THE MANAGEMENT OF GLUCOSE LEVEL IN COVID-19 PATIENTS TO REDUCE MORTALITY RATE: A REVIEW

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ABSTRACT

COVID-19 is a severe contagious disease caused by the SARS-CoV-2 (Severe acute respiratory syndrome coronavirus-2). From December 2019 to till now, this virus infection has spread very rapidly across more than 160 countries in the world. Severity of acute respiratory syndrome coronavirus increases significantly in patient suffering from diabetes. High proportion of patients suffering from the diabetes makes it the major risk factor and an important comorbidity for the COVID-19. Depending upon the global epidemiology, 20-50% of patients reported with the COVID-19 are also diagnosed with the diabetes. Considering the importance of linkage between severity of COVID-19

and diabetes, we aim to provide overview on the pathogenic linkage between diabetes and corona virus infection, current therapeutic approaches available to manage the blood glucose level to reduce the risk of death in COVID-19 patients.

KEYWORDS: Comorbidity, contagious.

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