

**N-ACETYL CYSTEINE (NAC) AND COVID-19 TREATMENT: NEW HOPES IN OLD MEDICATION**

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**ABSTRACT**

N-acetyl cysteine is seen to improve patients with acute respiratory diseases. The recommended pathways, of it's the effect on pulmonary diseases, are its antioxidant capacity through glutathione synthesis (GSH) and following effects on preventing and controlling cytokine storm. These features make it a good candidate to be evaluated for COVID-19 disease as this disease is causing a cytokine storm.

**KEYWORDS**

N-acetyl cysteine, COVID-19, Acute respiratory distress syndrome