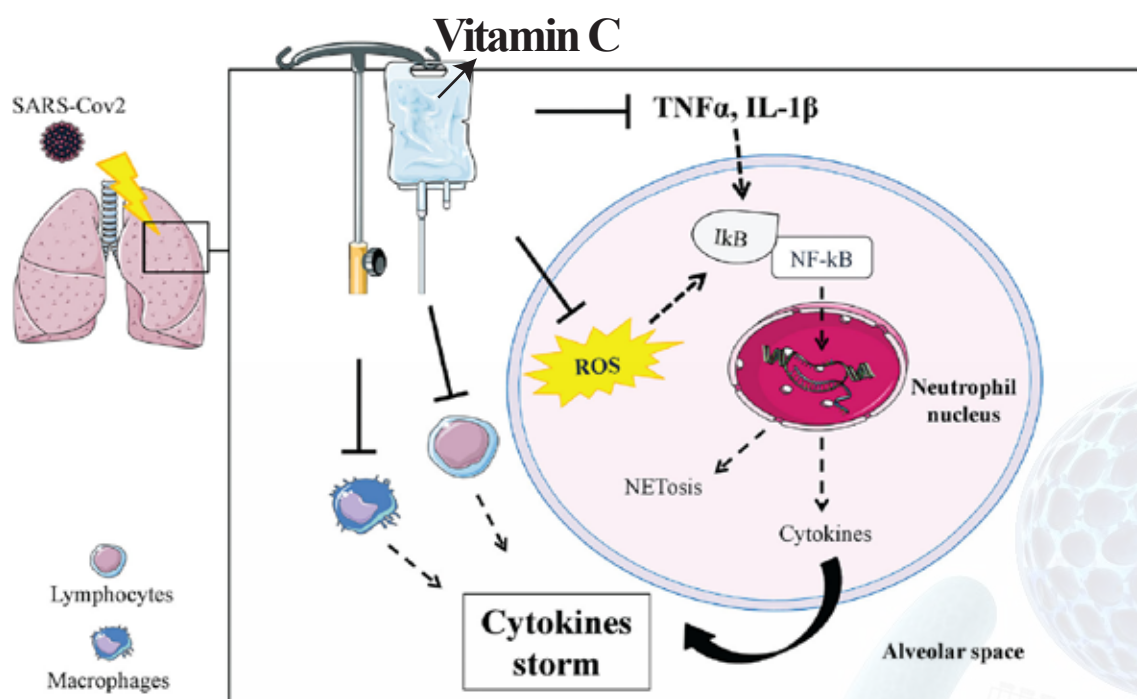


Ascorbic Acid...

Increased oxidative stress is a major insult in pulmonary injury including acute lung injury (ALI) and acute respiratory distress syndrome (ARDS)

Early use of large dose antioxidants, such as vitamin C may become an effective treatment for these patients of Covid 19¹

Vitamin C reduces the release of proinflammatory cytokines which might play a role in mitigating cytokine storm in SARS-CoV-2 infection which leads to reduction of inflammatory-induced tissue damage³



Schematic mechanism in which an IA of vitamin C could modulate specific functions of neutrophils (ROS and TNF α , IL-1 β mediated), inhibiting pathways involved in the Neutrophil Extracellular Trap formation (NETosis) and reducing the uncontrollable inflammatory cytokine production in the alveolar space. Potential effects on reducing cytokine production have also been speculated in lymphocytes and macrophages. ROS, reactive oxygen species; NF κ B, nuclear transcription factor kappa B; , inhibition stimulus; dashed arrow, reduced effect or production².

Ref.:

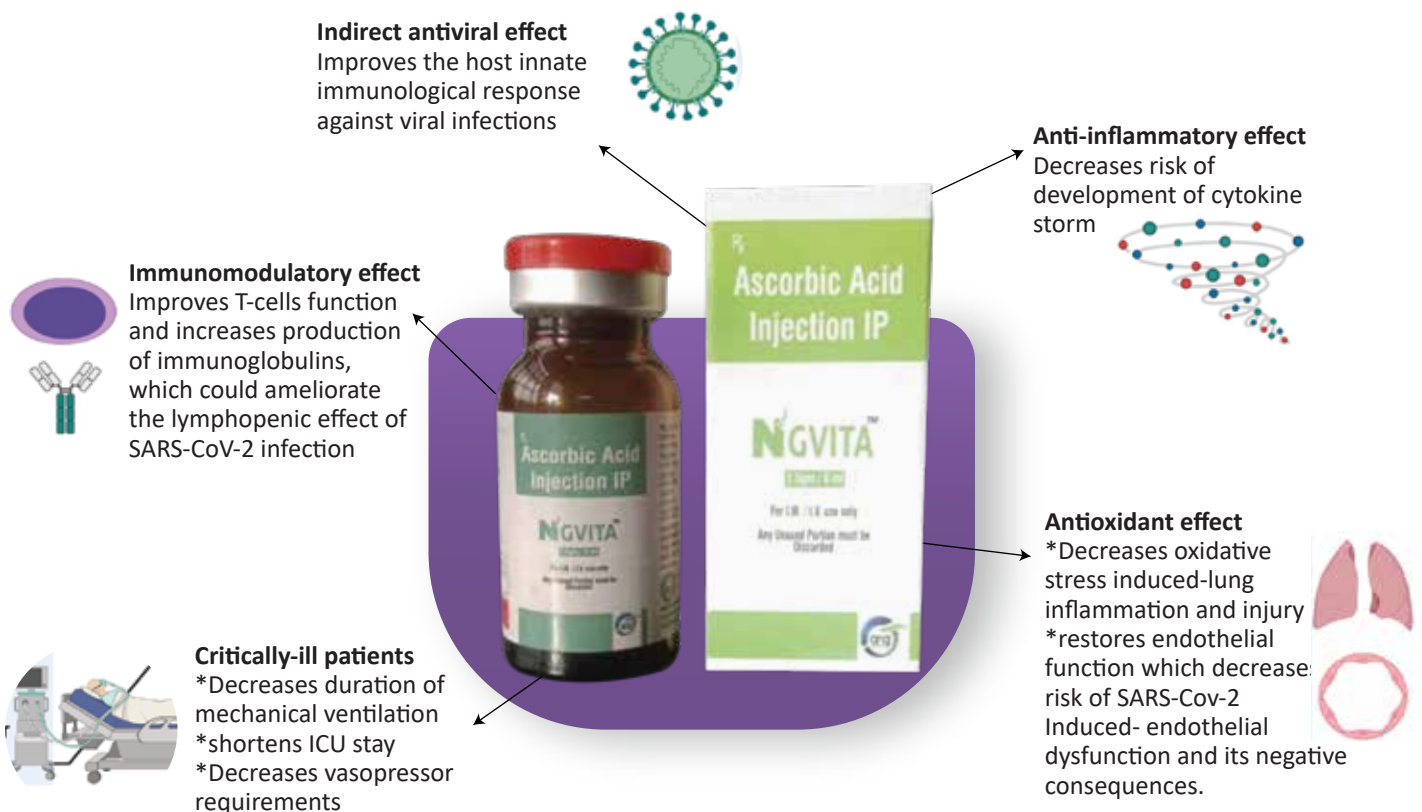
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Potential Therapeutic Option in COVID 19

NGVITA

(Ascorbic Acid 1.5gm Injection)

The possible beneficial effects of vitamin C in management of COVID-19³



Dose: 1500 mg as supportive therapy

High-dose IV vitamin C: 2-10 g per day, given over 8-10-h IV infusion

NIH expert panel document states that High dose Vitamin C is safe and without major adverse events⁴

Crucial Micronutrient in Supportive Treatment

ANG LIFESCIENCES INDIA LTD.

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