Editorial

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Is There Any Modern and Efficient Cure of nCOVID-19?

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Editorial

COVID-19 virus produces a viral infection disease that hits any person and advances into threatening ailment and death. Besides, this respiratory outbreak was identified in 2019 then transported by direct communication in 2020 till now. Consequently, any person could send this virus despite the mild flu he suffered and recovered without particular medication. Moreover, COVID communicability might proceed to a critical state in distinct patients who had therapeutic ailments as immunocompromised patients, asthmatics, and diabetic patients [1].

The well-known practice in simple sufferers began at home. Accordingly, the doctors' advice constitutes bed rest, good hydration, vitamins supplements, and oral medication to alleviate aches plus lessen fever. Furthermore, the sufferer followed the official health regulations and took the drugs in recorded applications. The treatment of medium-difficult patients of nCOVID-19 necessitates hospital entry and an advanced drug regimen. Thus, a professional doctor-on-call orders drug regimens: Tocilizumab, Dexamethasone, Anticoagulation drugs, Baricitinib +/- remdesivir, monoclonal antibodies, patient's plasma, hydroxychloroquine, oxygen supply, and NSAID. Moreover, nCOVID-19 could cause death despite these recorded meditations [2].

Argument

The respiratory experts are in doubt of the effectiveness of the bacteriophage and nanoparticles on nCOVID-19 disease.

Evidence

Bacteriophages engulf the viruses, but the inappropriate dealing and few investigations discontinued their use. Furthermore, the researchers reveal the active battle of bacteriophages on the lab viruses by lowering the activity of NF kappa B and the generation of the protein named phagicin, despite the nCOVID-19 genome persevered by the capsid as a complete but inactive virus. Subsequently, the bacteriophage therapy produces an immune regulatory activity when delivered by inhalation. Therefore, bacteriophages endure hydrolytic enzymes that break the viral barrier by the bacteriophage genome, which kills the nCOVID virus [3].

The investigators applied the nanosilver therapy in the lab plus animal studies. Besides, the experts declared the significant consequences of this therapy on the surface of alloys, dresses, and human wounds, and the "U.S Food and Drug Administration" approved their application. Accordingly, nanosilver therapy has an antiviral opportunity to usual antiviral prescriptions because of its fantastic composite and physical properties. Subsequently, Silver nanoparticles therapy tackles various spots in the virus structure to produce a weaker viral resistance to current antiviral drugs [4].

Counter argument

Bacteriophage therapy necessitates further and developed techniques for substance preparation, dose adjustment, drug frequency, drug duration due to the side effects of the Bacteriophage that might intensify the immune response.

On the other side, nanosilver suspension has particles of less than 100 nanometers that may manifest many health disadvantages. Consequently, the growing utility of nanosilver increases industrial risks to the working health staff in the oral, respiratory, and dermal problems. Furthermore, nanosilver could impair cognitive function plus short memory, skin itching, eye redness, and nose irritation [5].

Refutation

Numerous proven investigations explicated the powerful effects of nanosilver particles in the eradication of respiratory viruses when given by aerosol. Consequently, the scientists employed inhalational nanosilver particles in the active forms, controlled doses in different administration means to reach sufficient absorption doses on the bronchial airway system for an adequate cure [6].

The healing function of bacteriophages in viral contamination has promising results. Therefore, various scientists studied bacteriophages as a selective antiviral agent or in junction with antiviral drugs with or without nanosilver particles. Moreover, Iraqi specialists practiced bacteriophage with nanosilver particles as a controlled aerosol in a severe immunocompromised elderly male who had uncontrolled diabetes and nCOVID-19. Subsequently, this elderly male recovered steadily and promptly. So, inhalational bacteriophages and nanosilver particles in carefully adjusted doses work as striking killing agents of the transcription and medium of the COVID-19 virus [7]. The combination of Bacteriophages and nanosilver is a modern, powerful, and efficient curative method in COVID-19.

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