

Nanosilver plus Bacteriophages Cured COVID

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Abstract

Introduction:

Coronaviruses induce several illnesses that might cause human death. Correspondingly, the SARS-Covid virus is a portion of this group of viruses that concern human respiration. Additionally, this virus hits humans at any age and passes into a dangerous crisis or results in death. Subsequently, the SARS-Covid virus started in late 2019, and it is accountable for the 2019/2020 respiratory universal pandemic. Accordingly, the SARS-Covid virus compels direct person-person sickness until nowadays.

Consequently, the victim could harbor a Covid infection while encountering mild to intermediate upper respiratory congestion and revitalized without mandating a distinctive prescription. Furthermore, Covid manifestation might problematize life-threatening complications in immunocompromised individuals' cases. Hence, they require mandatory hospital entry and specific health supervision. Therefore, persons who had health troubles as children or patients who had a chronic respiratory disease or diabetics, patients who had cancer or cardiovascular diseases tend to display extreme difficulties [1].

The usual practice in minor victims started in their houses. Consequently, these measures enclose sufficient warm fluids, good food intake, vitamins supplements, rest, simple flu remedies to alleviate discomforts and ameliorate fever. Subsequently, the victim should obey the recommended healthcare guidance with an early doctor visit and accept the doctor drugs in regular documented doses.

The remedy of intermediate-serious patients of Covid requires hospital entrance plus widely accepted prescription policies. Consequently, a professional respiratorist records some or all of these pharmaceutical combinations as mandated: hydroxychloroquine, Remdesivir, Dexamethasone, Tocilizumab, Baricitinib plus remdesivir, monoclonal antibodies, Anticoagulants, NSAID, convalescent plasma, plus oxygen supplementation [2].

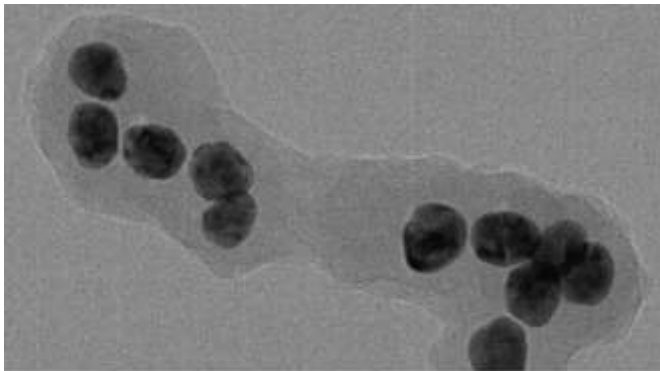
The previous researchers utilized the nanosilver in-lab then on animals. Further, the investigators demonstrated the successful effects of the nanosilver to sterilize the exterior surfaces of the dresses, metals, and injuries. Hence, in 2011, the " Food and Drug Administration" encouraged the anti-microbial uses of nanosilver. Consequently, the nanosilver shows an effective antiviral action versus the traditional antiviral remedies because of its particular mini structure plus its Physico-chemical qualities. Accordingly, Silver nanoparticles strike several sites on the virus arrangement to influence a weak antagonism against the traditional antiviral medications. Similarly, nanosilver particles did not allow the Covid virus to accommodate in the cellular environment.

Nanosilver suspension contains a pool of nanosilver pieces less than < 99 nanometers that reveal different health benefits. Consequently, nanosilver causes occupational hazards to the workers exposed to this substance by mouth, nose, or skin exposure. Later, nanosilver in uncontrolled doses will harm all exposed organs and be severely affect the brain, memory, and reproductive organs.

Inhalational nanosilver particles revealed an excellent killer agent on viral infections



laboratory experiments and clinical trials. Therefore, the experimenters employed inhalational nanosilver particles in the energetic doses, formulations, and given approaches to achieve a satisfactory respiratory concentration for a quick cure [3].



Nanosilver particles attacks a bacterium

Figure 1: The Nanosilver particles attack a bacterium

A Bacteriophage is a virus that strikes bacteria (bacteria eaters) because they infect bacterial creatures. Accordingly, the bacteriophage has a nucleic acid shrouded by a protein structure. Moreover, bacteriophages kill the invading viruses like SARS-Covid that attack the man. Furthermore, the experimenters verify the efficient capacity of bacteriophages to destroy the invading viruses by dwindling the activation of NF kappa B plus the production of the protein phagocin that destroy bacterial wall. But, the inappropriate prior experiments plus the unsatisfactory investigations on bacteriophages quit their applications in health practice [4].

Consequently, the Covid as an RNA virus prevails its launch through the capsid. Accordingly, aerosol bacteriophages have excellent immunoregulatory activities than other given methods. Thus, bacteriophages harbor ectolysins plus endolysins as hydrolytic enzymes that outbreak Covid viral wall to allow the access of Bacteriophages DNA leading to Covid extinction.

Bacteriophages require advanced devices and processes in their trials, applications, doses control, preparations, courses, and commonness. Therefore, Bacteriophages nourish the man immunological system, and their remedying function in Covid infection has promising results. Consequently, numerous respected investigators rehearsed bacteriophages as distinct antiviral factors alone or in addition to nanosilver particles. Furthermore, Arabic researchers used inhalational bacteriophages in a severe case of an immunocompromised old gentleman who had established Covid-19. Hence, inhalational bacteriophages operate as significant inhibitors in the transcript of the cytokine storm [5].

Inhalational bacteriophage and nanosilver need further investigations and clinical trials to prove their role against Covid.



bacteriophage in action

Figure 2: bacteriophage in action

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