



Legionella-X Prophylactic Antimicrobial Agents Therapy Fortified with Chlorohexidine Gluconate as Nasal Spray for Upper Respiratory Tract Infection. It minimizes the severity of infectious disease, and preventing over-treatment.

Minimizing the risk of severity of infection by curbing the propagation of the pathogens at the initial stages of infection when it is still largely circumscribed to the upper respiratory system, be it common cold, cough, or other infectious diseases.

Overview

The prophylactic therapy treatment can be provided before or after a patient has been exposed to an infectious agent but before any serious symptoms have appeared, to allow that patient's immune system a better chance to ward off a serious infection.

The increasing challenge of antibiotic resistance requires new alternative approaches to combat respiratory infection. Due to the abused of antibiotics, bacterial resistance to conventional antibiotics has become a serious problem threatening the lives of people around the globe and imposing a significant economic burden on the health sector.

The multi-resistant pathogens due to antigenic shifts and/or drifts are ineffectively managed with current medications. This resistance to medication by pathogens has become a serious problem in public health; therefore, there is a strong need to develop new bactericides and virucides.

Silver nanoparticles (AgNPs), having a long history of general use as an antiseptic and disinfectant, can interact with disulfide bonds of the glycoprotein/protein contents of microorganisms such as viruses, bacteria. Silver nanoparticles can change the three-dimensional structure of proteins by interfering with S-S bonds and block the functional operations of the microorganism.

There is an increasing use of silver as an efficacious antibacterial, antiviral and antifungal agent in wound care products and medical devices including dental work and catheters. Recent advances in nanotechnology have enabled us to produce pure silver, as nanoparticles, which are more efficient than silver ions (AgSD and AgNO₃) This has opened whole new strategies to use pure silver against a wide array of pathogens, particularly multi-resistant pathogens which are hard to treat with available antibiotics. The current pandemic warrants a need to introduce a novel remedial treatment as an early treatment as the first line of intervention at an early stage of respiratory infections with Legionella-X SilverRox Nanoparticle when it mostly affecting the upper respiratory system and bronchial tree seems to be a good approach.

Infectious disease spreads mainly via the respiratory route, the early viral infection in your upper respiratory tract (sinuses, nose, and throat) or lower respiratory tract (windpipe and lungs).

As typical pathogenesis form of respiratory infections is usually mild in the nasopharynx and the condition worsens once it migrates to the lower respiratory system. Hence, it is a good practice to curb the propagation of the pathogens at the initial stages of infection when it is still largely circumscribed to the upper respiratory system. Therefore, the success and dosage of this remedial therapy depend on the intervention at the initial stage of infection. Thus far, time plays as one of the principal factors for early intervention by said therapy, as typical pathogenesis form of respiratory infections is usually mild in the nasopharynx and the condition worsens once it migrates to the lower respiratory system.

Hence, it is a good practice to curb the propagation of the pathogens at the initial stages of infection when it is still largely circumscribed to the upper respiratory system. In view of the above, LegionellaX SilverRox Nasal Spray Sanitizer/Nasal Drops was conceptualized and developed by Magna and its Think Tank Group

Legionella-X SilverRox Nasal Spray/Nasal Drops a good approach to combat infectious diseases at the initial stage.

For more detailed information and ordering, please email to info@legionellax.com or info@magnachem.com.sg

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Prophylactic treatment such as vaccination is frequently used in health care to minimize the severity of a disease.

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