

How?

How can you assist your patients as a compounding pharmacist?

Coronaviruses (CoV) are a large family of viruses that cause illness ranging from the common cold to more severe diseases such as Middle East Respiratory Syndrome (MERS-CoV) and Severe Acute Respiratory Syndrome (SARS-CoV). A novel coronavirus (nCoV) is a new strain that has not been previously identified in humans.

Common signs of infection include respiratory symptoms, fever, cough, shortness of breath and breathing difficulties. In more severe cases, infection can cause pneumonia, severe acute respiratory syndrome, kidney failure and even death.

Standard recommendations to prevent infection spread include regular hand washing, covering mouth and nose when coughing and sneezing, thoroughly cooking meat and eggs. Avoid close contact with anyone showing symptoms of respiratory illness such as coughing and sneezing. (source: WHO)

How could you assist your patients as a compounding pharmacist against viruses?

WHO in its website recommends regularly and thoroughly clean your hands with an alcohol-based hand rub. Since most pharmacies are out of stock with antiseptic hand gels Fagron is sharing with you the following formulations.

Formulation 1

Isopropyl Alcohol
Carbomer
Triethanolamine
Water, Purified

Formulation 2

Water, Purified
Sepigel 305
Ethyl alcohol

Formulation 3

Water, Purified
Hydroxyethylcellulose
Ethyl alcohol

Please contact your local Fagron office for compounding instructions and availability of raw materials.

Prevention is No1

Imuno TF is a small natural peptide which can identify the antigen and activates lymphocytes. The identified antigens can be eliminated by T-helper lymphocytes, natural killer cells and macrophages.

Isenolic® is the registered trademark of a dry extracted from olive leaves standardized (HPLC min 4%) in elenolic acid with scientifically proven activity against bacteria and viruses responsible for flu and colds.



Viral activity inhibition

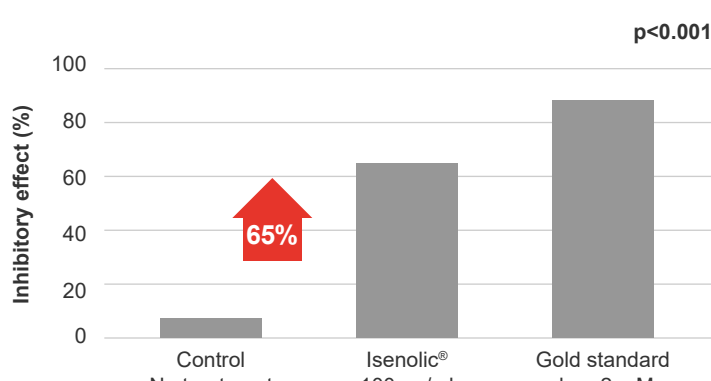


Figure 1. Action of Isenolic® in inhibiting the neuraminidase of the flu virus in comparison with the drug Oseltamivir.

Viral cytopathic effect prevention

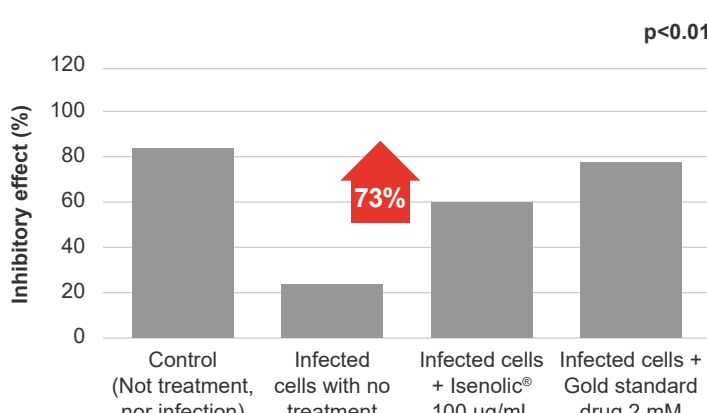


Figure 2. Cytopathic action of Isenolic® compared to Oseltamivir in cells infected with the flu virus.

Please contact your local Fagron office for literature background, compounding instructions and availability.

Disclaimer: The information provided on this newsletter is meant to be used by professionals. The health professional will assess the scientific background of the solutions provided and consult the patient accordingly.