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# Opinion confirming the virucidal effectiveness of the **GUAA** disinfection preparation on the Influenza A virus

Influenza viruses belong to the *Orthomyxoviridae* family. The family contains four strains, of which three are influenza: *Influenzavirus A, Influenzavirus B* a *Influenzavirus C.* Type A viruses are the most important, since they are the cause of yearly influenza epidemics and sometimes of global pandemics. Type A viruses are capable of infecting humans, pigs, horses and all birds.
Influenza viruses are highly sensitive to increased temperature, UV radiation and ordinary disinfection agents, not only oxidative agents and aldehydes but also detergents.
The declared virucidal effectiveness of the disinfection agent has been tested in keeping with ČSN EN 14476 - Chemical Disinfection and Antiseptics - Virucidal Quantitative Test for Chemical Disinfection and Antiseptic in Healthcare (Phase 2/Step 1) with modeled viruses. The product under test must reduce the number of viruses by **4 logarithmic orders** in keeping with test conditions.
In keeping with the recommendations of the Robert Koch Institute and the German Society for Combating Viral Disease issued January 2004, a disinfection agent shows limited virucidal effectiveness if it meets this condition (reduction by 4 logarithmic orders) for all coated test model viruses.
From this it follows that if the above indicated disinfection agent was effective with the prescribed coated test model viruses, it will also be effective on Influenza A viruses, thus on avian and swine flu viruses.

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