

Monkeypox

Fact Sheet

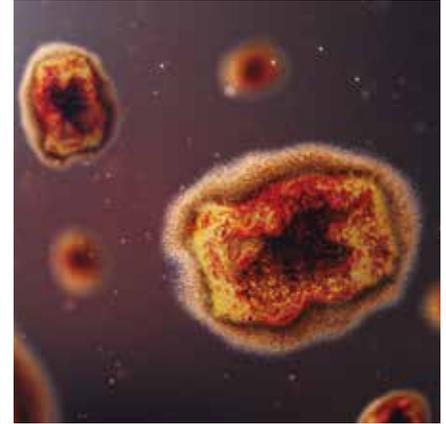


What is it?

According to Centers for Disease Control and Prevention (CDC), monkeypox virus is part of the same family of viruses as variola virus, the virus that causes smallpox. Monkeypox symptoms are similar to smallpox symptoms, but milder, and monkeypox is rarely fatal. Monkeypox is not related to chickenpox.

Transmission

According to the World Health Organization (WHO), monkeypox is transmitted to humans through close contact with an infected person or animal, or with material contaminated with the virus. Monkeypox virus is transmitted from one person to another by close contact with lesions, body fluids, respiratory droplets and contaminated materials such as bedding.



Decontamination of Environmental Surfaces

When rare or novel viruses cause outbreaks of disease, there may be few if any disinfectants that have been tested and registered for use against that specific pathogen. To prepare for situations like these, EPA created the [Emerging Viral Pathogens \(EVP\) guidance](#), a voluntary process which allows manual disinfectant manufacturers to submit data to EPA demonstrating a product's efficacy against difficult-to-inactivate viruses. The list of efficacious products and surrogate kill claims is named List Q. **Because UV room disinfection devices are not included in the EVP and List Q, it is key for healthcare professionals to review individual UV room disinfection device claims against surrogate viruses for monkeypox. Criteria to evaluate include whether the claims are independently supported and the time and distance associated with the log reduction/inactivation.**

UVDI-360 Room Sanitizer: Independently Proven Efficacy

- **Monkeypox is an enveloped virus**, which is the easiest to inactivate microorganism type, per the [Spaulding Hierarchy](#).
- The UVDI-360 Room Sanitizer has **independently proven 99.99% inactivation of over 35 microorganisms**, including harder-to-kill spores, bacteria, fungi, **enveloped and non-enveloped viruses in 5 minutes at 8 feet**. This evidence provides **scientific confirmation of efficacy against the easier-to-inactivate monkeypox virus**.

For additional information and resources, visit uvdi.com or contact your UVDI Account Manager.

Sources:

<https://www.who.int/news-room/fact-sheets/detail/monkeypox>

<https://www.cdc.gov/poxvirus/monkeypox/about.html>

Emerging Viral Pathogens (EVP) Guidance: <https://www.epa.gov/pesticide-registration/emerging-viral-pathogen-guidance-and-status-antimicrobial-pesticides>

Spaulding Hierarchy: <https://www.intechopen.com/chapters/80772>