## WHAT HOTELS SHOULD KNOW ABOUT MONKEYPOX



The <u>CDC</u> (and <u>OSHA</u>) do not provide specific guidelines on monkeypox for the hotel industry. <u>No specific</u> disinfectants or laundry detergents are recommended. The current Safe Stay guidelines are applicable.

- The threat from a monkeypox outbreak to the hotel industry is <u>low</u>. The prevalence is relatively low, and there have been no deaths reported in the US since the outbreak began. The infection is preventable and treatable.
- The US <u>declaration of a public health emergency</u> helps the Administration obtain resources for a coordinated response; it is not a cause for alarm for the hotel industry.
- The only <u>mode of transmission</u> of monkeypox during this outbreak is intimate personal contact with an infected person. Though respiratory transmission is <u>possible</u>, it has not been observed in this outbreak so far.
- There is a limited supply of <u>vaccines</u> that are used to prevent monkeypox. Health authorities <u>recommend vaccination</u> only for people in certain occupations and others at risk, but vaccination is not yet recommended for non-healthcare-related occupations or the general public. Previous vaccination against smallpox is <u>generally effective</u> at preventing monkeypox. The Biden Administration has released a <u>fact sheet</u> with the "aim to expand vaccination for individuals at risk and make testing more convenient for healthcare providers and patients across the country."
- Monkeypox is a DNA virus, and SARS-CoV-2 (COVID-19) is an RNA virus. The two are <u>unrelated</u>, and people should rely on authoritative sources for more information.

## **BACKGROUND**

- Monkeypox is caused by monkeypox virus, a member of the Orthopoxvirus genus in the family Poxviridae that was first described in 1958 in monkeys used for research; however, that name is misleading because monkeys are not the primary host animal for this infection.
  - Other Orthopoxviruses <u>include</u> variola (smallpox), vaccinia (the virus used to vaccinate against smallpox), cowpox, and several others that infect only certain species. Smallpox, for example, infects only humans.
  - Monkeypox causes infection in animals but <u>infects humans</u> at times. The natural animal reservoir for monkeypox is <u>not clearly known</u>, but it is suspected to be large rodents. Endemic human cases of monkeypox <u>occur</u> in tropical rainforest areas of Central and West Africa and are occasionally exported to other regions.
- The most common avenue of <u>transmission</u> of monkeypox is through direct contact with active skin lesions, or theoretically through contact with material that was contaminated via contact with active skin lesions (fomite).
  - Scientists believe that monkeypox can be transmitted via respiratory droplets, but at the current time, there is <u>no evidence</u> to support respiratory or aerosol transmission. Theoretically, close and prolonged contact would be needed for respiratory transmission, so the CDC <u>recommends</u> mask wearing under such circumstances.
  - o Monkeypox begins, as many <u>viral infections</u> do, with fever, headache, muscle aches, chills, and exhaustion. Swollen lymph nodes and backaches are also seen. In roughly one to three days, the characteristic skin rash <u>appears</u>, and it goes through several stages. At some point, the rash becomes characteristic of poxvirus rashes.
  - The key point here is that the illness can last two to four weeks and is transmissible by contact until the lesions heal. In this case, <u>contact tracing and isolation</u> are very important.
  - Although not considered a traditional sexually transmitted disease, close contact (such as kissing, cuddling, or sex) has been implicated in the recent outbreak, according to the CDC.



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