Watch Water®
Germany

POSTER 4 | HEALTH EVIDENCE

FUNGUS

UNDERSTAND THE HEALTH RISKS

Mould is one type of fungus. Different fungi and exposures cause different illnesses.



Illustrative image

1 ALLERGY AND LUNG INFLAMMATION

Fungal exposure can trigger allergies or worsen asthma. In susceptible people it can cause hypersensitivity pneumonitis (HP), an immune reaction in the lungs. Persistent HP can lead to lung scarring. HP is an inflammatory illness, not a fungal infection.

2 RARE BUT SERIOUS INFECTIONS

Aspergillus and some other moulds can cause invasive infections, especially in people with severely weakened immunity. These infections can be life-threatening. Most people inhale environmental mould spores without developing invasive disease.

3 CLINICAL SERIES | 2025

54 OF 231 HP PATIENTS

Adams and colleagues associated home mould exposure with HP in 54 patients in a specialist clinic cohort. Recurrent water intrusion was common.

! This is a selected patient group, not the probability that a person living with mould will develop HP.

4 HOSPITAL OUTBREAK | 2008

6 INVASIVE ASPERGILLOSIS CASES

Chang and colleagues reported six cases in a haematology unit during hospital construction. Control measures combined relocation, barriers, masks and preventive antifungal medication.

! This high-risk hospital outbreak demonstrates the need for coordinated infection control.

5 WHO NEEDS EXTRA PROTECTION?

People with asthma, mould allergies or chronic lung disease may be more susceptible to certain fungal effects. Cancer treatment, transplants and immune-suppressing medicines increase the risk of invasive infection. Risks differ by condition.

6 REDUCE EXPOSURE AND GET CARE

Correct dampness and arrange suitable remediation. People with weakened immunity should avoid mouldy buildings and cleanup work. Persistent respiratory symptoms need medical assessment. Severe breathing difficulty requires urgent care.

VirolOxy® | **ENVIRONMENTAL SURFACES ONLY**

5% SOLUTION • 30 MINUTES WET CONTACT • CLEAN-WATER RINSE

Watch Water's supplied surface protocol applies only as permitted by the current label. Follow organism-specific claims, surface compatibility guidance and the safety data sheet. Use suitable protection and avoid inhaling spray.

! **Surface treatment does not replace medical care.** These studies did not test **VirolOxy®**.

REFERENCES

CDC: Invasive Mold Infections; CDC/NIOSH: Mold in the Workplace; CDC: Aspergillosis.
Adams et al. (2025), doi:10.1371/journal.pone.0323093
Chang et al. (2008), doi:10.1016/j.jhin.2008.02.010

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