



YELLOW FUNGUS (A COMPREHENSIVE REVIEW)

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ABSTRACT:

The yellow fungus, also known as mucor septic, is brought on by contact with fungal mold spores found in contaminated surroundings. It mainly affects those who have weakened immune systems as a result of COVID-19, viral infections, immunological deficits, cancer, long-term diseases, or other disorders. The fungus usually grows in feces and decomposing food. Depending on whatever part of the body is afflicted, yellow fungus can cause symptoms such as extreme weariness and appetite loss. It is not communicable. Among the available treatments are symptom management, amphotericin B injections, and endoscopic debridement. Maintaining appropriate cleanliness and properly discarding damaged food are the major goals of preventative measures.

Keywords: Mucor septicus, Covid-19, endoscopic, amphotericin B.

INTRODUCTION:

Yellow fungus infections have also been documented in COVID-19 patients after cases of black and white fungus infections. Although yellow fungus is an uncommon fungal infection that mostly affects reptiles and infrequently affects people, it is thought to be more hazardous than other fungal infections. This infection is identified in certain patients during the post-COVID healing period. Yellow fungus, often called mucor septic, is brought on by contact with fungal mold spores in contaminated surroundings. Since this dangerous illness starts internally, it is imperative to get medical attention as soon as any symptoms appear. Because it can cause fungal meningitis and damage the brain, yellow fungus can be fatal.

WHOM IT IS AFFECTED:

- An individual has been impacted by COVID-19.
- A person undergoing organ transplantation.
- An individual with weakened immunity.
- Someone who has been using steroids for a while.
- A person with heart disease, lung disease, hypertension, and other comorbidities.
- Someone who has had radiation or chemotherapy.
- A patient with weakened immunity.

WHAT CAUSES YELLOW FUNGUS:

Poor hygiene is the main source of yellow fungus, which can also arise from high humidity or the presence of tainted or outdated food. Because excessive moisture levels encourage the growth of fungi, the humidity in a confined place, like a home or office, should be maintained between 30 and 40%.

WHY IT IS MORE DANGEROUS THAN OTHERS:

Yellow fungus infections progress differently than those caused by white or black fungi. While yellow fungus attacks the body's interior organs and impairs essential processes, black fungus first produces apparent facial deformity. Experts advise patients to identify the infection from day one and seek medical attention right away because it is quite harmful.

IT IS A CONTAGIOUS:

Since yellow fungus does not move from person to person like respiratory illnesses like COVID-19, it is not very contagious. External transmission is not supported by any evidence. The main victims of this fungal illness are those with compromised immune systems.

HOW DOES IT SPREAD:

When a person breathes in mold spores from the surroundings, the sickness spreads. Additionally, exposure to old, rotten food or high humidity levels might cause it to grow. The main contributing factors continue to be unhygienic conditions and poor hygiene.

SYMPTOMS:

- Appetite loss.
- Fatigue or sluggishness.
- Significant reduction in weight.
- Swelling and soreness in the face.

TREATMENT:

For fungal infections, endoscopic debridement is one of the main treatments. In addition to receiving symptomatic therapy as needed, patients are given antifungal drugs, such as injections of amphotericin B.

PRECAUTION:

- To prevent the growth of germs and fungi, throw away any food that is no longer fresh or fit for consumption as well as any excrement right away.
- Maintain the cleanliness of your room, house, and surroundings.
- Keep an eye out for excessive dampness in the space because it might lead to the growth of germs and fungi.
- Consult your physician about antifungal medication if you have received an organ or stem cell transplant in order to prevent fungal infection.

CONCLUSION :

Infections caused by fungi are not limited to India; they are common in other nations. According to reports, the first instance of yellow fungus was found in Uttar Pradesh's Ghaziabad. During the first wave, 20 cases were registered; however the second wave hit a wider population. Because of their severe effects on the body's internal organs, experts warn that yellow fungal infections can be very harmful.