



IQAir stand-alone air cleaner found to cut hospital aspergillosis infections by more than 50%

In a study conducted at Singapore General Hospital, the use of an IQAir stand-alone air purifier with HyperHEPA® air filtration dramatically reduced the spread of invasive aspergillosis (IA).

IA is an often-fatal fungal infection threatening those with severely compromised immune systems including organ-transplant patients as well as those with various blood diseases and other patients receiving immunosuppressive therapy. Major outbreaks of the disease at hospitals have been associated with construction, renovation, and maintenance activities that cause the fungus spores to become airborne. The rapidly progressing infection has a mortality rate of up to 95%.

The study, published in 2010 in the American Journal of Infection Control, examined the effects of 48 IQAir HealthPro® air purifiers that were placed in selected wards at the hospital. All patients likely to develop IA were included in the study over a three-year period. The study, titled, “The impact of portable high-efficiency particulate air filters on the incidence of invasive aspergillosis in a large acute tertiary-care hospital,” was led by Dr. Zakir-Hussain Abdul Salam. The researchers found that the IQAir portable air purifiers reduced IA infections overall by more than 50%. The authors concluded that the cost of the air filtration systems was more than offset by the “significant decreases in the rates of nosocomial infections in general and IA in particular.”

[View the study here.](#)