



## Global Multi-Drug Resistant Candida Auris

In 2009, the world discovered a new fungal disease:  
*Candida auris*.

- ▶ *C. auris* is a highly contagious, multi-drug resistant fungus.
- ▶ The first case of *C. auris* is suspected to have emerged in Pakistan in 2008.
- ▶ Since then, it has spread rapidly to countries around the globe through international travel.
- ▶ The Pakistan National Institute of Health is part of the WHO-GLASS program which is tackling anti-microbial resistant pathogens



Integral Global was engaged by the US Centers for Disease Control and Prevention (CDC) to set up sentinel surveillance in Pakistan – the location of the first suspected *C. auris* case.

Multi-drug  
resistant  
fungus

First Case  
in 2009

Highly-  
contagious  
global spread

## Our Work

This project is novel and unique – it has not been done before.

Through this work, light will be shed on laboratory practices, burden of disease in hospitals, and capacity is being build capacity to better detect the pathogen.



- ▶ A laboratory survey tool has been developed to assess whether laboratories in Pakistan have the capacity to detect *C. auris*.
- ▶ Surveillance systems are being piloted in 3 initial hospital sites in Islamabad, the capital city.
- ▶ In coordination with CDC, we are developing Standard Operating Procedures (SOPs) and guidelines for laboratory diagnosis, surveillance and reporting.
- ▶ We are building capacity to ensure that Pakistan has the ability to combat this deadly fungus and reduce global spread.