

Sentinel Microbiology Lab Detects Infectious Pathogens More Efficiently



I rely on this program since it has everything I need in a pinch.

Sheryl Stuckey

Microbiology Laboratory Manager,
Holy Cross Hospital

Sheryl leads the Microbiology lab at the Holy Cross Hospital in Silver Spring, Maryland. The lab handles a wide variety of responsibilities, and the hospital serves people from all over the world. Their staff alone represent 80+ countries!

THE CHALLENGE

The bustling lab deals with several high-risk pathogens and has to offer diagnostic accuracy, efficiently. This need is heightened since Sheryl is the only expert in her chain of command familiar with this diagnostic area.

Physicians at the Holy Cross Hospital rely on Sheryl's lab to help identify unknown pathogens. Additionally, the microbiology lab is a Sentinel lab for biothreat agents. It packages and ships specimens to the Maryland State Laboratory for biothreat agents, special pathogens, and surveillance organisms.

They are also the go-to resource on specimen collection and PPE buddies for their Automated Laboratory partners for routine patient testing and Person Under Investigation (PUI) for special pathogens.

THE GIDEON SOLUTION

With GIDEON, Sheryl's lab gains the convenience of using one application to find all information needed on pathogens and infectious diseases.

"My favorite features are the organism identification function, information about diseases, comparison of organisms, and now the flowchart function."

According to Sheryl, "The system has been helpful in preparing continuing education for my team. It helps us with unusual organisms and steering us toward possibilities when people have traveled or reside in other countries."

GIDEON empowers microbiology labs to **identify infectious pathogens faster and more accurately**



GIDEON Advantages

- ✓ **Dynamic comparison tables**

Microbiologists can generate side-by-side comparison tables for any bacteria, mycobacteria, or yeasts - adding up to 10 at a time!
- ✓ **Extensive epidemiological data coverage**

GIDEON's database contains 120,000+ prevalence and seroprevalence surveys, 26,000 country-specific notes and provides information on **30,000+ outbreaks and cross-border events**.
- ✓ **Updated every day by a team of experts**

GIDEON is curated by a team of highly regarded medical scientists who are **updating the database daily**.
- ✓ **Differential pathogen identification**

GIDEON offers Bayesian analysis-based differential organism identification tools to help **generate a ranked pathogen probability list**.
- ✓ **Over 3,000 pathogens**

GIDEON database contains in-depth phenotype information on **over 3,000 bacteria, mycobacteria, viruses, yeasts and algae**.