LUMED™ ZINC™ Solution
Artifical Intelligence for infection prevention & control

EMPOWER
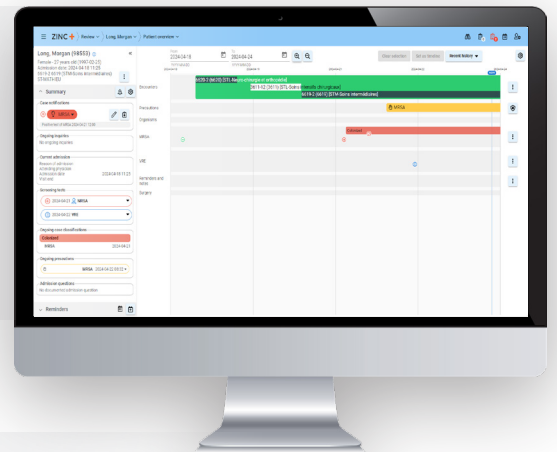## YOUR INFECTION PREVENTION CONTROL TEAM

REAL-TIME ALERTING FOR OPTIMAL MANAGEMENT OF HOSPITAL ACQUIRED INFECTIONS

Infection Prevention and Control (IPC) teams serve as the backbone of patient safety and the frontline defense against infections within healthcare environments.

LUMED™ ZINC™ revolutionizes IPC practices by streamlining processes, guaranteeing compliance, promptly identifying outbreaks, and swiftly implementing preventive measures
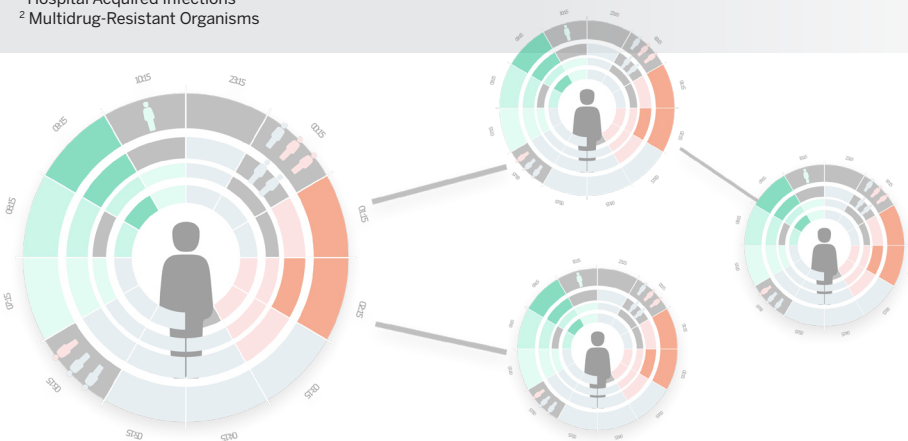
TRACK ALL PATIENTS AT RISK IN REAL TIME

From data to action : Activate workflows that prompt immediate action based on real-time alerts to mitigate the risk of spreading dangerous pathogens.
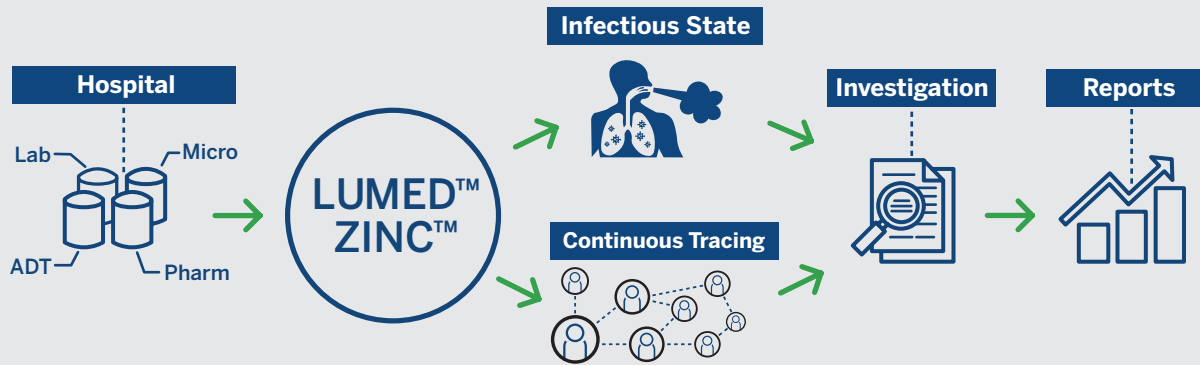

PREVENT AND CONTROL HAI's[1], MDRO's[2] AND OUTBREAKS

• Manage precautions when patients meet criteria of Infection Prevention Program.

• Extract contract tracing & track which patients have to be screened.

• Autofils inquiry : Completes mandatory reporting for health authorities

[1] Hospital Acquired Infections
[2] Multidrug-Resistant Organisms

IMPROVE YOUR DAILY WORKFLOW

Hospital
Lab — Micro
ADT — Pharm
→ LUMED™ ZINC™

Infectious State

Continuous Tracing

Investigation

Reports

IPC TEAM + LUMED™ ZINC™

Patients
Minimizes risk of infection from MDRO's.

Hospital
Reduces the occurence and impact of HAI/Outbreaks and related effects.

Economic Impact
Reduces cost associated infections controls*

IPC Team
Increases efficiency with the support of an Artificial Intelligence engine to help you prioritize interventions.

*Valiquette L, Chakra CNA, Laupland KB. Financial impact of health care-associated infections : When money talks. Can J Infect Dis Med Microbiol. 2014;25(2):71-74

DISCOVER BIOMÉRIEUX VISION SUITE
DATA-DRIVEN DECISION MAKING

BIOMÉRIEUX VISION SUITE turns laboratory and hospital data into insightful, actionable information to support diagnostic and clinical decisions at all stages to better support antimicrobial stewardship.

By providing a comprehensive suite of software solutions that collect, analyze, and merge various sources of data, BIOMÉRIEUX VISION SUITE empowers you to make the right decisions at the right time.

LD
LUMED™

CASE STUDY

BIOMÉRIEUX

A FRUITFUL COLLABORATION

with the infection prevention and control team of the Centre Hospitalier Régional et Universitaire de Nancy, France (CHRU)

High acceptance & usability

The study specifically focused on LUMED™ ZINC™ implementation, which automates the surveillance of HAIs and streamlines data collection, improves accuracy, and enhances infection control efforts. Researchers used a mixed-methods approach, combining qualitative and quantitative data. Data collection involved interviews, surveys, or other relevant methods. The results are impressive with an acceptance/ usability score >85.

Automated Surveillance Methods to Assist outbreak management

LUMED™ ZINC™ facilitated the collection of microbiological and other patient data, triggering alerts when at least two patients were colonized or infected with a MDRO exhibiting the same resistance pattern. This proactive approach enabled immediate IPC investigations whenever a similar situation emerged.

"The software improves our efficiency. We are more effective in managing microbiological alerts and preventing infectious risks. We wouldn't be able to go back. Overall, the software's features provide us with time savings, rapid information, and comprehensiveness."

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