Ibhar

The Ibhar Infection Intelligence Platform

Transforming Infection Prevention and Antimicrobial Stewardship with Digital Intelligence

Hospitals worldwide face a growing burden of Healthcare Associated Infections (HAIs) and Antimicrobial Resistance (AMR).

While hospitals generate large volumes of infection surveillance data, microbiology results, and antibiotic prescribing information, these datasets often remain fragmented across multiple systems.
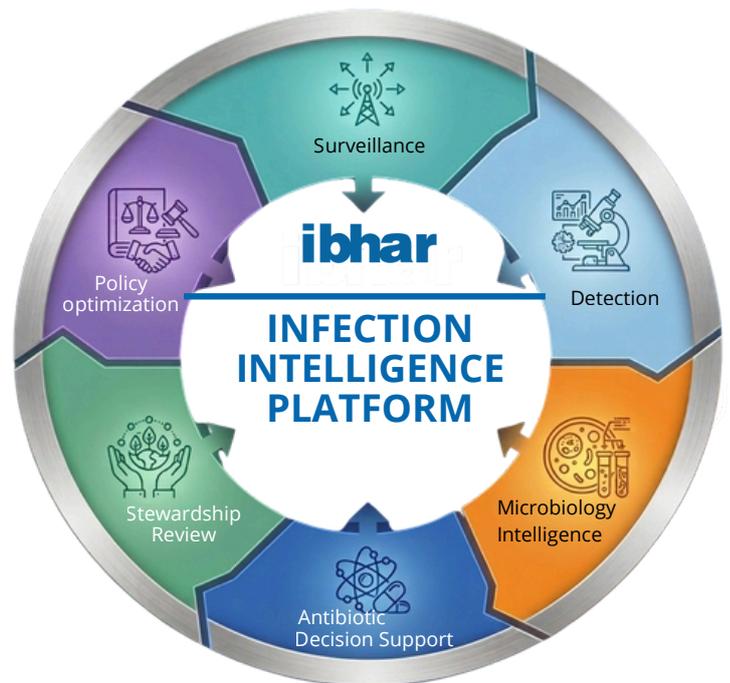
As a result:
• Infection trends may be detected late
• Microbiology insights may not reach clinicians in time
• Antibiotic stewardship reviews remain retrospective
• Hospital leadership lacks consolidated visibility into infection risks

Hospitals need more than surveillance tools — they need integrated infection intelligence.

The Ibhar Infection Intelligence Platform integrates infection surveillance, microbiology intelligence, and antimicrobial stewardship into a unified digital environment.

The platform connects multiple hospital data streams and transforms them into actionable clinical intelligence, enabling hospitals to detect infection risks earlier, guide antibiotic therapy, and strengthen infection prevention strategies.

Ibhar enables hospitals to move from fragmented infection reporting to continuous infection intelligence.

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INFECTION INTELLIGENCE PLATFORM

- Surveillance
- Detection
- Microbiology Intelligence
- Antibiotic Decision Support
- Stewardship Review
- Policy optimization

Infection Prevention

Microbiology Intelligence

Antimicrobial Stewardship

Core Platform Capabilities

Digital Infection Surveillance

- Healthcare-associated infection monitoring
- Device-associated infection tracking
- Environmental and compliance surveillance
- Real-time infection trend dashboards

Structured digital workflows allow Infection Control Nurses to capture observations efficiently while enabling Infection Control Officers to detect emerging infection patterns early.

Clinical Microbiology Intelligence

- Structured culture and susceptibility reporting
- Organism distribution and resistance trend analysis
- Automated hospital and unit-specific antibiograms
- MIC guidance and susceptibility interpretation

These insights enable clinicians to interpret microbiology results more effectively and guide empirical antibiotic therapy.

Antimicrobial Stewardship Intelligence

- Antibiotic utilization analytics
- Prescription monitoring and stewardship review workflows
- Therapy optimization insights
- Antibiotic policy compliance monitoring

Stewardship teams gain visibility into prescribing trends and can guide clinicians toward evidence-based antibiotic use.

Outcomes for Hospitals

Hospitals implementing the Ibhar platform can achieve:
- Earlier detection of infection risks and outbreaks
- Stronger antimicrobial stewardship programs
- Improved visibility into antimicrobial resistance trends
- Data-driven infection prevention policies
- Enhanced patient safety and quality of care

By connecting surveillance data, microbiology intelligence, and antibiotic prescribing analytics, the Ibhar platform enables hospitals to move from reactive reporting to proactive infection prevention.

Platform Differentiation

Capability	Traditional Tools	Ibhar Platform
Infection Surveillance	Manual or fragmented	Digital surveillance workflows
Microbiology Insights	Lab reporting only	Integrated resistance analytics
Antibiotic Stewardship	Retrospective audits	Real-time prescribing analytics
Clinical Decision Support	Limited	Antibiogram-driven guidance
Infection Intelligence	Fragmented reporting	Continuous intelligence loop

Future Ready

The Ibhar platform is designed to evolve toward AI-enabled infection intelligence, enabling healthcare systems to progress from:

SURVEILLANCE → INTELLIGENCE → PREDICTION

This evolution will support predictive antimicrobial resistance insights and proactive infection prevention strategies.

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