Program Outcomes Guaranteed

Our programmatic approach optimizes workflows across multiple touchpoints within hospitals by backing up results and partnering to guarantee improved outcomes. Our commitment to measurable results allows us to ensure sustained savings and strong return on investment.

Ecolab® Patient Room Program

Learn more about the Ecolab Program Guarantees for HAI reduction, turnover time reduction and high-touch object cleaning improvements by speaking with your Ecolab account executive.

Ecolab Guarantee

Reduce C. diff  Improve Room Turnover Time  Improve High-Touch Object Cleaning

ABOUT ECOLAB HEALTHCARE

Ecolab Healthcare is driven to help health systems and hospitals realize clinical, operational and financial value through repeatable and measurable workflows. Our standardized processes and digital dashboards provide actionable insights and opportunities for corrective actions that help reduce the costs and inefficiencies of infections, while improving margins and keeping patients and staff safe.

To learn how our analytics-driven solutions and standardized processes can help your organization, visit www.ecolab.com/healthcare
Independent studies confirm that surfaces in the patient room are not cleaned properly, regardless of how much time is spent cleaning. In fact, there is little correlation between the amount of time spent cleaning and actual cleaning effectiveness, suggesting there is a fundamental lack of process control during cleaning. Studies also link suboptimal cleaning processes to the transmission of pathogens that cause healthcare-associated infections (HAIs).\(^1\)

The Ecolab® Patient Room Program is a proven strategy that helps you monitor and standardize processes to drive measurable improvements in clinical, operational and financial metrics. This program helps drive and sustain room turnover efficiency while also improving cleaning thoroughness, ensuring compliance and protecting margins for your hospital. Over 40,000 patient room audits are conducted across the country each year, testing more than 630,000 high-touch objects annually.

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**INNOVATIVE PRODUCTS**

Advanced chemistry and technology to create cleaner and safer environments

- Patented DAZO® Fluorescent Marking Gel and Flashlight for quick, objective measurement of cleaning thoroughness
- OxyCide™ Daily Disinfectant Cleaner enables proactive intervention against C. diff and other HAIs
- High Performance Neutral Floor Cleaner™ for effective daily cleaning
- No/Low Maintenance Flooring Cleaner and Protector to clean and protect your floors

**ANALYTICS & ACTIONABLE INSIGHTS**

Digital dashboards gather millions of data points to drive standardization, measure compliance and pinpoint where corrective action is needed

- App-enabled Observational Survey Tool for immediate qualitative evaluation of cleaning processes
- Customizable dashboards provide actionable insights at the system, hospital, unit, individual and even object level
- Real-time tracking on average time saved per patient room turnover and regulatory process adherence

**CONSULTATION & SERVICE**

On-site Ecolab experts deploy solutions, monitor progress and analyze performance metrics

- A dedicated local account executive to assist with hospital implementation and support
- Baseline audit and consultation to evaluate current practices and identify areas for improvement
- Proactive dispenser and product service ensures equipment is operating properly

**TRAINING & PROCESS SUPPORT**

Professional training for your staff to drive standardization, manage corrective actions and assist with change management

- Ongoing, in-person training aligned to evidence-based practices ensures program success
- In-person manager training for digital dashboard and data analytics reporting
- Printed training resources and facility signage to help drive compliance and educate staff

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1. Data available in Patient Room Program Peer-Reviewed Studies document.
Customizable, clinician-friendly dashboards collect data on patient room turnover time and high-touch object cleaning, measure compliance and pinpoint precisely where corrective action is needed, down to a department, team or individual level. These actionable insights allow department managers, clinicians, EVS staff and other authorized users to lead process improvements where they are needed most, standardize workflows and keep patients safe.

**Actionable Insights & Digital Dashboards**

**SYSTEM LEVEL - OVERVIEW**

- **Room Cleanliness:** System-level summary of cleaning thoroughness
- **Cleanliness Trends:** Point-in-time system performance through DAZO® monitoring
- **At-Risk Sites:** Identify hospitals that are high risk for infections due to suboptimal environmental hygiene

**SYSTEM LEVEL - INFECTION DETAIL**

- **System Infection Risk:** See improvements and cost-savings to date
- **At-Risk Sites:** Easily identify hospitals or units that are at a higher risk for infection
- **Infection Trend:** Track and predict infection rates at the system and hospital levels

**SYSTEM LEVEL - HEAT MAP**

- **Facility Performance Heat Map:** System-level cleaning performance over time with ability to drill down into specific hospital detail

**FACILITY LEVEL - DETAIL**

- **Results by Area:** Ability to drill into specific areas, units, technicians or objects
- **Object Heat Map:** Focused improvement for specific objects
- **Unit Performance:** Identify units that have opportunities for improved cleaning
**CASE STUDY 1**

**304-bed community hospital | Livonia, MI**

**HOSPITAL CHALLENGES**
- Disinfectant alone did not result in a sustained decrease in hospital-onset *C. diff* rates
- No standardized process for room turnover
- Difficulty sustaining proper cleaning practices

**ECOLAB SOLUTIONS**
- Standardized cleaning process to address cleaning thoroughness concerns
- Provided best-practices training to hospital staff
- Introduced new environmental hygiene tools
  - DAZO® Environmental Monitoring Tools for real-time and direct environmental hygiene monitoring and thoroughness of cleaning reporting
  - OxyCide™ Daily Disinfectant Cleaner maintained to address efficacy concerns

**CASE STUDY 2**

**197-bed community hospital | Beaufort, SC**

**HOSPITAL CHALLENGES**
- Room turnover times inconsistent
- No method for determining thoroughness of cleaning
- Bleach disinfectant damaged equipment

**ECOLAB SOLUTIONS**
- Provided on-site best practices training on cleaning across EVS teams to address cleaning thoroughness and efficiency concerns
- Introduced new environmental hygiene products & tools
  - DAZO® Environmental Monitoring tools for real-time and direct environmental hygiene monitoring and thoroughness of cleaning reporting
  - OxyCide™ Daily Disinfectant Cleaner to address efficacy and material compatibility concerns

**OUTCOMES**

**C. diff SIR decreased 23.3% in one year and sustained low level**

**High-touch object cleaning after discharge improved from 41% to 94%**

<table>
<thead>
<tr>
<th>High-Touch Object</th>
<th>Baseline</th>
<th>Q3 2017</th>
<th>Q4 2017</th>
<th>Change Over Baseline</th>
<th>Trend</th>
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<tbody>
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<td>Total Patient Bathroom</td>
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<tr>
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<td>103</td>
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</tr>
</tbody>
</table>

**Discharge cleaning time improved from 36 minutes to 27 minutes**

Reduction in HO-CDI equates to a non-reimbursed cost savings of approximately $10,000/month