



Ecolab® OR Program

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Independent studies confirm that surfaces in the operating 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 surgical site infections (SSIs) and other types of healthcare-associated infections (HAIs).¹

The Ecolab® OR Program is a complete offering that helps you monitor and standardize processes to drive measurable improvements in clinical, operational and financial metrics. This program helps drive and sustain OR turnover efficiency while also improving cleaning thoroughness, being Joint Commission audit-ready and protecting margins for your hospital. Over **2,500 operating rooms** across the country rely on the Ecolab OR Program, with over **400,000 high-touch objects tested in the OR each year.**



Program Benefits



Faster OR Turnover Time



Reduce Risk & Financial Impact of HAIs



Improve Cleaning Results



Enhance Operational Efficiencies



Process Standardization & Consistency



Ensure AORN Compliance

Foundational Program Components

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
- Custom Surgical Turnover Kits conveniently packaged for your hospital and procedures to improve OR efficiencies
- Disposable microfiber cloths and mops to ensure clean products for every room

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 OR turnover and AORN 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 ensure equipment is operating properly

TRAINING & PROCESS SUPPORT

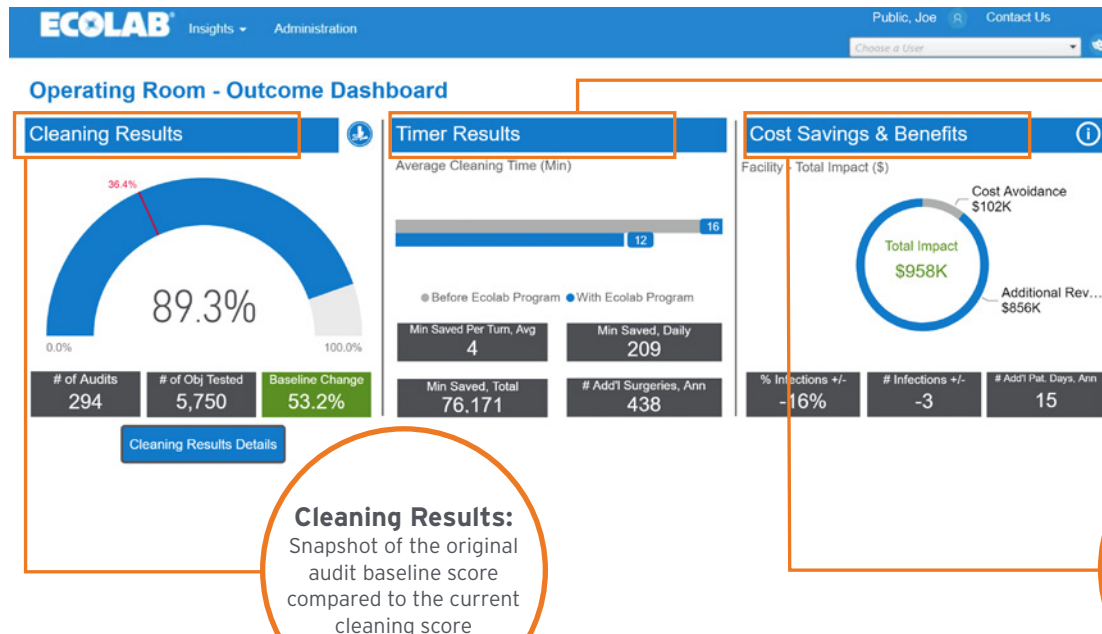
Professional training for your staff to drive standardization, manage corrective actions and assist with change management

- Ongoing, in-person CE training aligned to industry best practices (AORN seal of recognition) ensures program success
- In-person manager training for digital dashboard and data analytics reporting
- Standardized cleaning flow charts and Lean Six Sigma process efficiency, simplification and standardization
- Ecolab OR Program Reinforced customers will have access to a library of on-demand training modules designed to develop core competencies for environmental cleaning and disinfection in the OR – anytime, anywhere

Actionable Insights & Digital Dashboards

Customizable, clinician-friendly dashboards collect data on OR 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.

ADMINISTRATIVE OVERVIEW

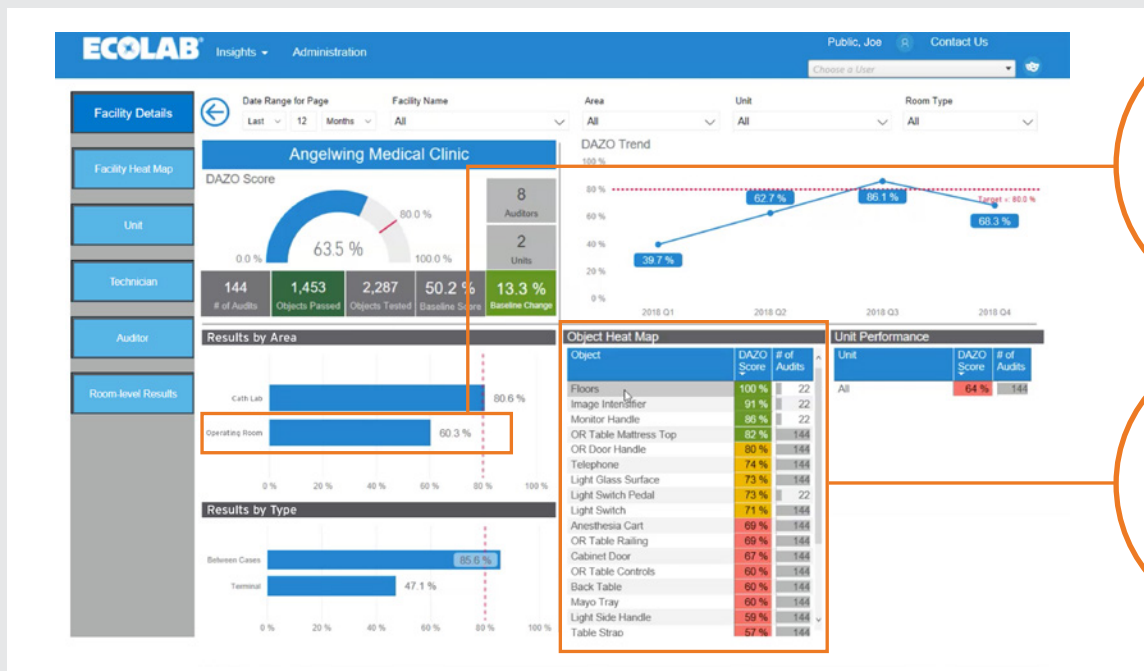


Timer Results:
Focus on how many minutes have been reduced per room turnover and additional surgeries annually

Cleaning Results:
Snapshot of the original audit baseline score compared to the current cleaning score

Cost Savings:
Impact from implementing Ecolab OR Program including cost avoidance and additional revenue realized through additional surgeries

FACILITY LEVEL - DETAIL



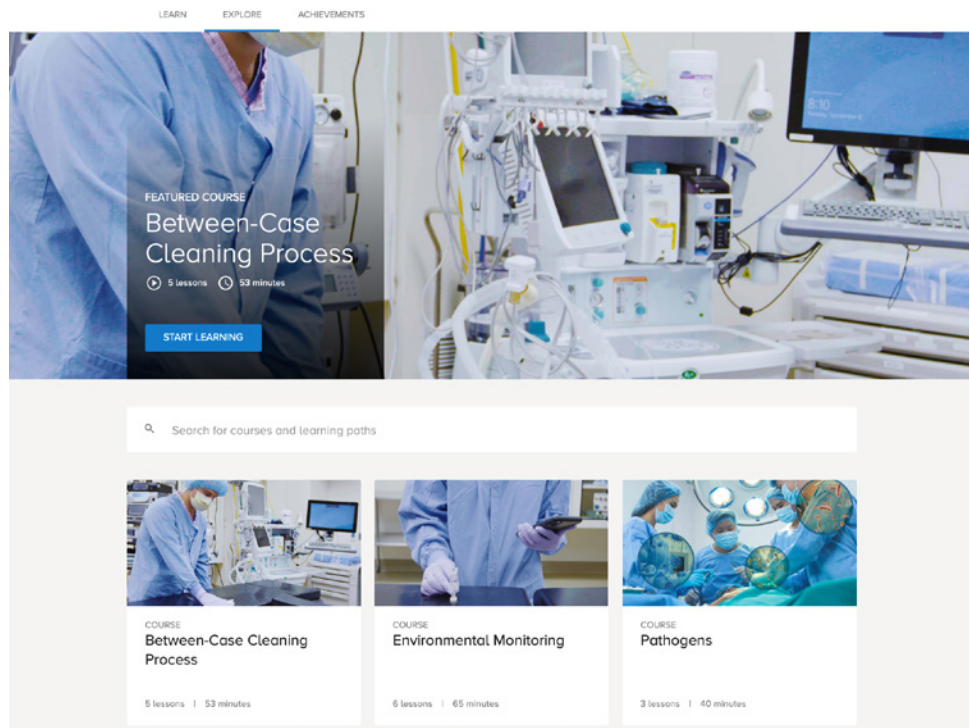
Results by Area:
Ability to drill into specific areas, units, technician or object levels

Object Heat Map:
Focused improvement for specific objects

Ecolab On-Demand OR Training Modules

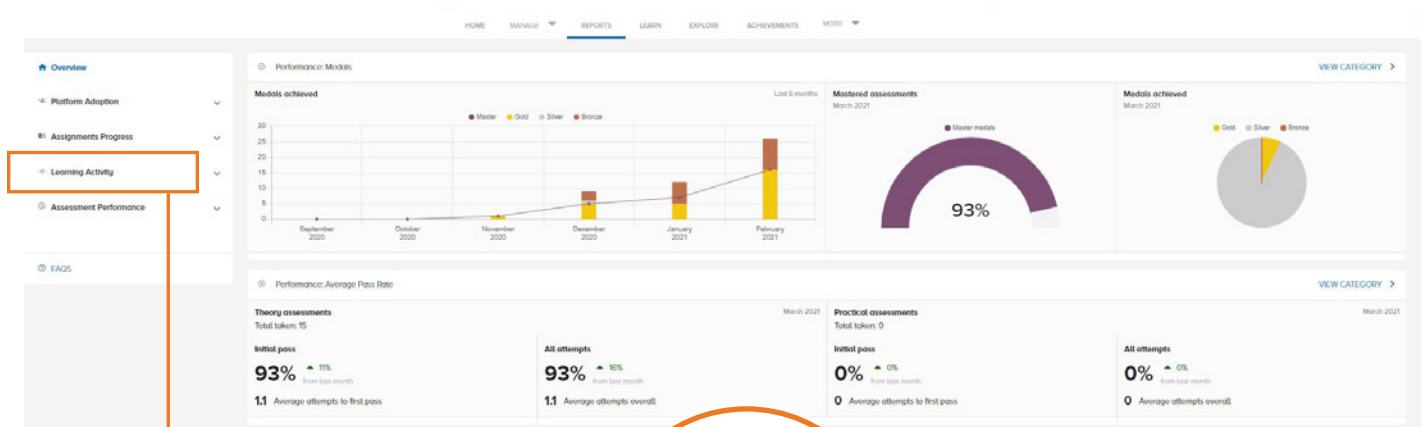
More than 30 interactive lessons strengthen cleaning workflows, standardize cleaning protocols and equalize the knowledge base among staff, regardless of tenure.

- On-demand training accessible at anytime and anywhere
- Standardized instruction to ensure consistent cleaning and outcomes
- Robust reporting for managers and immediate performance feedback for staff
- Content has been awarded the AORN SEAL of RECOGNITION



LEARNER REPORTS - ASSESSMENTS

OR managers and educators can assign reinforcement training, monitor progress and report at the individual, team or hospital level. Combining consistent training and easy-to-access resources allows you to drive continuous improvement where it's needed most.



Learner Reports:
View learner progress and scores on competency assessments

Case Studies

CASE STUDY 1

180-bed hospital | **19 ORs** | **13,000 surgeries per year** | **Huntsville, AL**

HOSPITAL CHALLENGES

High-touch objects not consistently cleaned for between-case or terminal cleaning

Difficulty knowing when a room had been cleaned

No standardized process for room turnover

Bleach disinfectant required a 10-minute contact time and damaged equipment, requiring replacement of OR table mattresses

ECOLAB SOLUTIONS

Worked side-by-side with hospital staff to facilitate process improvements and create a thorough, standardized room turnover protocol

Provided on-site best practices training on between-case and terminal cleaning for all staff

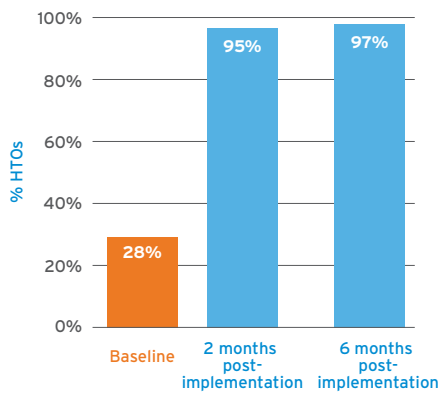
Introduced new environmental hygiene products & tools

DAZO® Environmental Monitoring tools for real-time and direct environmental hygiene monitoring and thoroughness of cleaning reporting

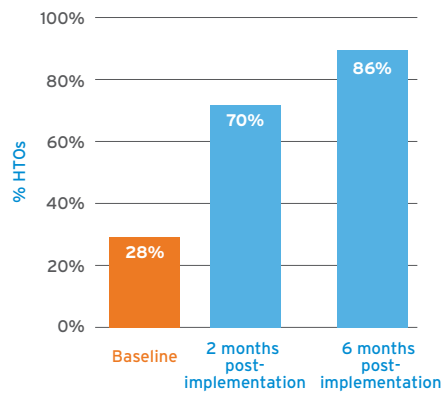
OxyCide™ Daily Disinfectant Cleaner with 5-minute contact time to address efficacy and material compatibility concerns

OUTCOMES

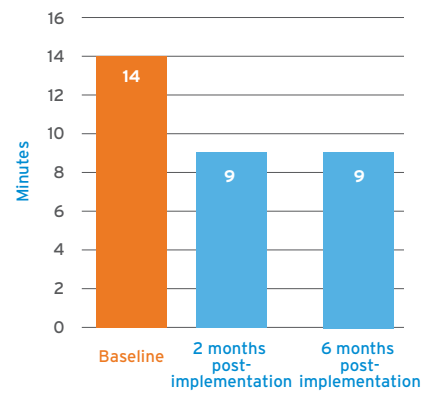
Between-Case High-Touch Objects Cleaning Improved 3x



Terminal Case High-Touch Objects Cleaning Improved 3x



OR Turnover Time Decreased by an Average of 5 Minutes



Achieved **\$15,000** in annual savings on OR mattress damage replacement costs

FACILITY POTENTIAL SAVINGS PER 1,000 PROCEDURES

\$230,000 + 83 Hours

CASE STUDY 2

576-bed hospital | **27 ORs** | **23,000 surgeries per year** | **Pittsburgh, PA**

HOSPITAL CHALLENGES

High-touch objects cleaned just 20% of time for between-case turnover

Between-case process and turnover times inconsistent and high cost

No method for determining thoroughness of cleaning

Poor communication, low job morale and high staff turnover among OR aides

ECOLAB SOLUTIONS

Standardized the cleaning process across OR teams to address cleaning thoroughness and efficiency concerns

Provided on-site best practices training on between-case and terminal cleaning for all staff

Introduced new environmental hygiene products & tools

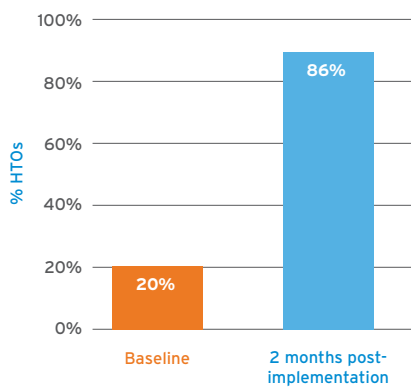
DAZO® Environmental Monitoring tools for real-time and direct environmental hygiene monitoring and thoroughness of cleaning reporting

Surgical room turnover kits with disposable linens, microfiber cloths and mops to increase room turnover efficiency and cleaning effectiveness

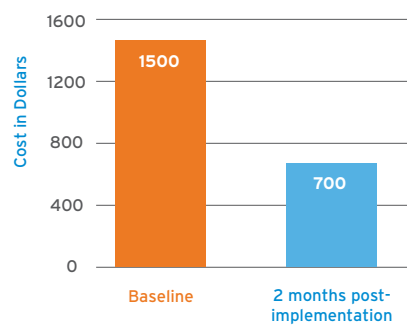
Point-of-use cleaning carts and tools to streamline the cleaning process and ensure compliance with best practices

OUTCOMES

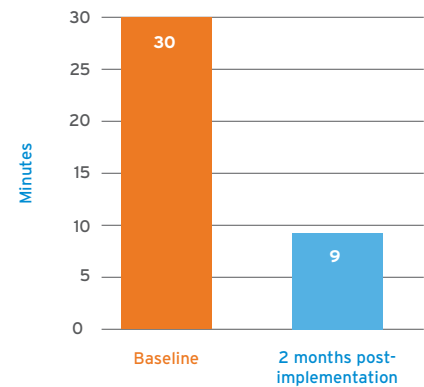
Between-Case High-Touch Objects Cleaning Improved by 66%



Achieved \$800 Cost Savings/Room



OR Turnover Time Decreased by an Average of 21 Minutes



Staff retention increased to **86%-100%**, and absenteeism has decreased

FACILITY POTENTIAL SAVINGS PER 1,000 PROCEDURES

\$800,000 + 167 Hours

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®
OR Program**

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

**Ecolab
Guarantee**

**Improve
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.

Learn how our analytics-driven solutions and standardized processes can help your organization.

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