CLOROX HEALTHCARE®

Operating Room Solutions

Safeguarding the patient environment

What is your goal?

Provide the best patient care

No patient should leave a healthcare facility sicker than when they entered and nothing should interfere with healthcare professionals caring for patients, including the environment.

30%

Surgical site infections (SSIs) represent approximately **30%** of all infections among hospitalized patients.[1]

$21k

An SSI costs hospitals, on average, **$20,785**, but can increase to $42,000 for infections caused by antibiotic resistant bacteria, such as *MRSA*.[2]

7 to **11**

SSIs increase average hospital stays from **7 to 11 days**.[3]

CLOROX HEALTHCARE®

How can you achieve this goal?

Eliminate the enviroment as a source of HAIs

Studies estimate that up to 60% of SSIs are preventable.[4,5]

SSI and other infection-causing pathogens can be introduced into the OR via staff, mobile equipment, surgical instruments, and even the patient himself.

Comprehensive OR cleaning and disinfection has been clinically proven to significantly reduce SSI-causing pathogen transmission.

In doing so, you not only improve patient outcomes, but also:

- **Enrich the patient experience, leading to better HCAHPS Cleanliness Scores.**
- **Enhance the profile of your OR staff and broader reputation of your healthcare facility in the community.**
- **Reduce direct medical costs associated with SSIs, HAIs and related ACA penalties.**

"Our CEO is very focused on environmental services, and he's all about patient safety."

–Environmental Services Director, Upper Allegheny Health System

What challenges do you face in pursuing this goal?

Heightened risk of infection due to SSIs

The OR is a primary revenue driver for most healthcare facilities, and a hospital's reputation can be built on its surgical expertise. Patient care in the OR encompasses more than procedural excellence. Incisions offer a pathway for infection-causing pathogens to enter the body, making infection prevention practices from hand hygiene to environmental cleaning & disinfection of paramount importance.

Pressure for fast turnover to maximize utilization

Every minute of turnover time is a lost revenue opportunity, which conflicts with the need for thorough cleaning & disinfection.

Large areas and breadth of equipment increase the likelihood that surfaces will be missed, leaving patients vulnerable to infection.

Blood stains can be difficult and time-consuming to remove with common cleaners like quats or quat-alcohols.

Solution: Optimize the efficiency of your turnover process with **fast-acting, 1-step disinfectants** that have superior cleaning power

Terminal cleaning inadequacy

Time, staffing, training, and overall human error limitations can result in vital OR surfaces being inadequately disinfected, leaving patients vulnerable to infection.

Only 50% of surfaces in hospital operating rooms are effectively disinfected.[6]

Supervisors are often unable to monitor staff, leading to poor compliance.

Only 54% of EVS workers receive useful feedback about their work and only 53% are clear on their cleaning responsibilities.[7]

Solution: Go above and beyond during terminal cleaning with **enhanced disinfection technology** that provides assurance of thorough disinfection

Open incisions augment infection risks

Environmental pathogens exist throughout the facility, but are often harmless unless introduced via an opening in the skin.

Infections due to *S. aureus*, including antibiotic-resistant *MRSA*, are the most prevalent SSIs[8] and can cost up to $60,000 per patient.[9]

Increase in antibiotic-resistant organisms, like *CRE* and *VRE* put patients at even greater risk if infections occur.

Solution: Establish disinfection protocols to **reduce *S. aureus* and other MDROs**

High cost associated with replacing damaged equipment

ORs typically have a wide variety of surfaces including tables, medical equipment, mattress pads, overhead lighting, each with materials that may respond differently to disinfectant chemistries.

Equipment cleaning and care guides may recommend disinfectants that your facility either does not have access to or do not have the required efficacy against key pathogens of concern for your facility.

Solution: Gain confidence that your **surface disinfectants are compatible with a variety of surfaces** for widespread use

How Clorox® can help

Clorox Healthcare can partner with you to solve your most pressing disinfection challenges

Comprehensive portfolio of ready-to-use, 1-step cleaning and disinfection products from a trusted leader in infection prevention with over a century of expertise.

Commitment to help your facility implement clinically effective protocols, provide ongoing training and support, and free up time so you can focus on patient care.

Challenges	Product Solutions	Why Clorox?
Preventing spread of infection-causing pathogens — like *MRSA, E. coli* and *P. aeruginosa* — via surfaces	 **Clorox Healthcare® Hydrogen Peroxide Cleaner Disinfectants**	• 30-60 second contact time for over 40 bacteria and viruses — the fastest non-bleach disinfection available • Excellent surface compatibility on a wide range of OR surfaces
	 **Clorox Healthcare® Optimum-UV Enlight® System**	• Kills more than 30 infection-causing pathogens in 5 minutes at 8 feet, providing an additional layer of assurance to manual disinfection • User-friendly design, safety features, and competitive pricing enable OR adoption
Pathogen transmission via floors	 **Clorox® Pro Quaternary Disinfectant Concentrate**	• Kills high-concern viruses and bacteria such as Hepatitis B virus (HBV), Avian Influenza A, HIV-1 and HIV-2, SARS-associated coronavirus and rotavirus • Ideal for use on a variety of surfaces, including floors

Thank You

For more information contact your Clorox Healthcare sales representative or call 800-234-7700

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visit us: www.cloroxhealthcare.com

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3. Anderson DJ et al. Strategies to prevent surgical site infections in acute care hospitals: 2014 update. Infect Control Hosp Epidemiol. 2014 Jun;35(6):605-27.).

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8. Sievert DM et al, National Healthcare Safety Network (NHSN) Team and Participating NHSN Facilities, “Antimicrobial-Resistant Pathogens Associated with Healthcare-Associated Infections: Summary of Data Reported to the National Healthcare Safety Network at the Centers for Disease Control and Prevention, 2009–2010,” Infection Control & Hospital Epidemiology. 2013 Jan;34(1):1-14.

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