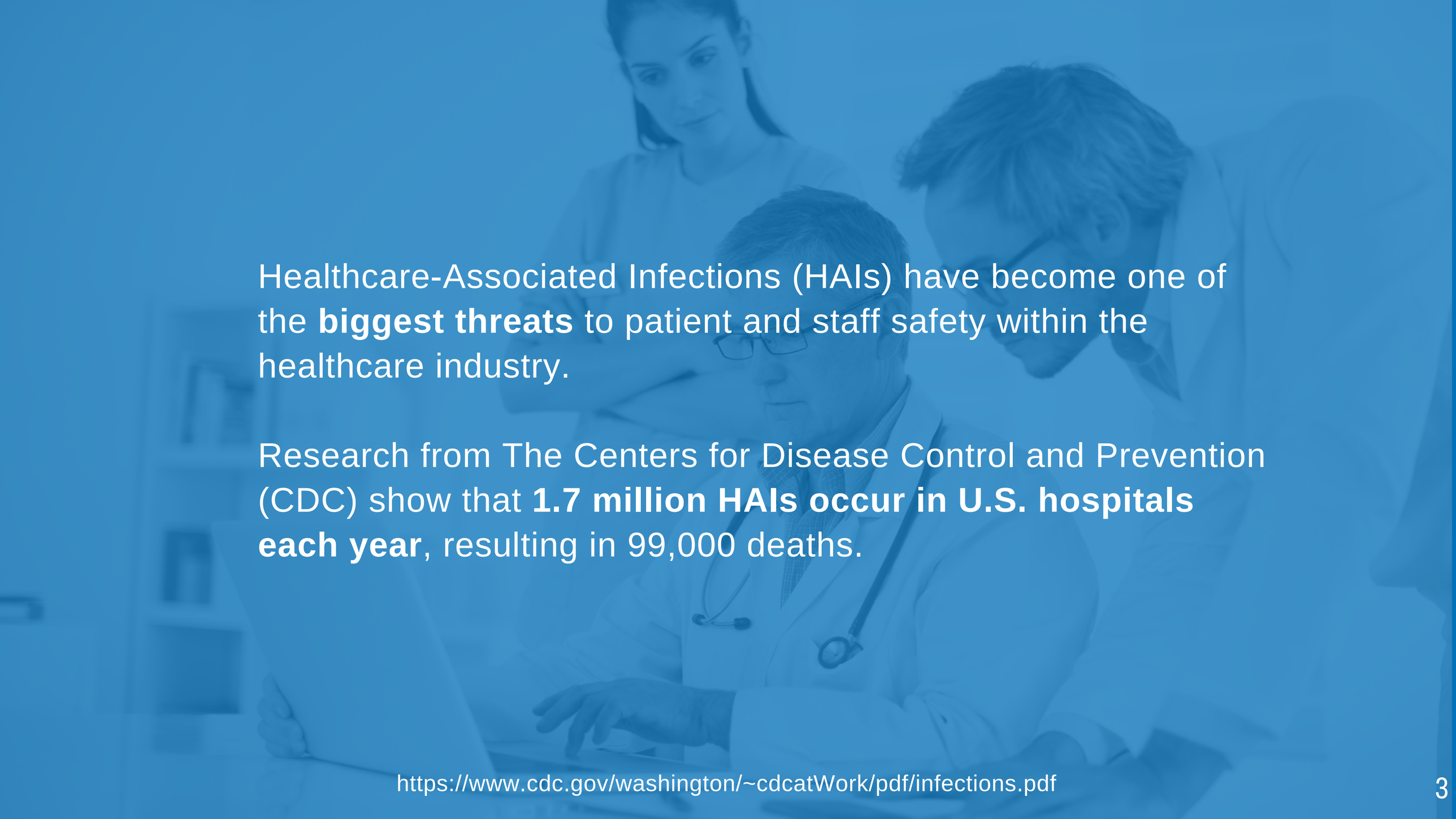
PROPER INFECTION CONTROL SOLUTIONS VITAL FOR

REDUCING HEALTHCARE-ASSOCIATED INFECTIONS

STARC®

SYSTEMS

TABLE OF CONTENTS



Healthcare-Associated Infections (HAIs) have become one of the **biggest threats** to patient and staff safety within the healthcare industry.

Research from The Centers for Disease Control and Prevention (CDC) show that **1.7 million HAIs occur in U.S. hospitals each year**, resulting in 99,000 deaths.

https://www.cdc.gov/washington/~cdcatWork/pdf/infections.pdf

ACCORDING TO THE CENTERS FOR DISEASE CONTROL AND PREVENTION(CDC)

1 of 25

Hospitalized patients are affected by a

Healthcare-Associated Infection.

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Common types of HAIs include:

- **Catheter-associated urinary tract infections**

- **Surgical site infections**

- **Bloodstream infections**

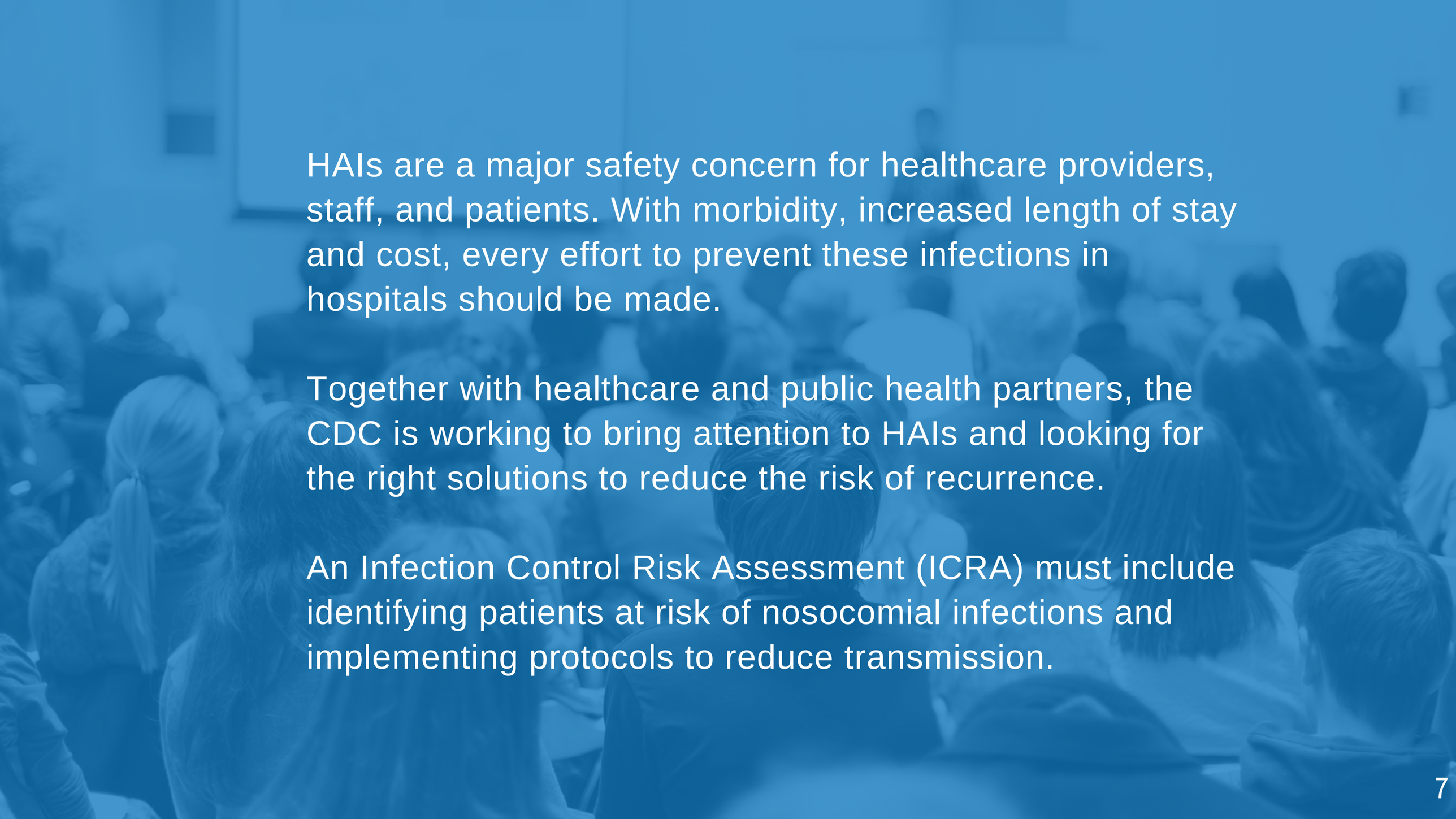
- **Pneumonia**

The role of Environmental Contamination in HAIs:

Environmental contamination plays a significant role in HAIs. **High touch surfaces** can serve as vehicles of transmission for pathogens.

The most common occurrence of cross-transmission is caused by inconsistent or improper hand hygiene routines preformed by healthcare staff.

Staff can become contaminated from direct patient contact or indirectly by touching a contaminated high touch surface.



HAIs are a major safety concern for healthcare providers, staff, and patients. With morbidity, increased length of stay and cost, every effort to prevent these infections in hospitals should be made.

Together with healthcare and public health partners, the CDC is working to bring attention to HAIs and looking for the right solutions to reduce the risk of recurrence.

An Infection Control Risk Assessment (ICRA) must include identifying patients at risk of nosocomial infections and implementing protocols to reduce transmission.

THE REDUCTION OF HAIs IS POSSIBLE.

Efforts can be made to reduce the risk of HAIs through the development of barrier management and stringent cleaning protocols.

Once the issue is made known, the next step is the development of infection control protocols and equipping staff with the proper systems and technologies.

Actions such as implementing the proper hand hygiene program and ensuring that systems are up to standard, for example, can help in reducing HAIs.

Standards set by the **World Health Organization** and/or the **CDC** can be put into place in healthcare facilities and is encouraged.

Every facility should have a clear system in place, the most effective infection control tools (**temporary containment and vetted disinfection products**), and the knowledge to handle situations as they arise.

Proper cleaning of tools, ideal containment solutions, washing stations, and education all play a part in ensuring that the risk of HAIs is lowered.

INFECTION CONTROL TRAINING & PROTOCOLS

Specific training for the reduction of HAIs and strict following of cleaning protocols can make a huge difference.

Infection control education will ensure staff members recognize the importance of following protocol and using special equipment, such as containment walls, and disinfection / decontamination systems when needed.

When the staff is educated in infection control, the rate of HAIs drops significantly.

In fact, studies show that when staff and practitioners are aware of infection control issues and know the specific ways to treat and prevent these issues, **RATES OF SOME TARGETED HAIs MAY BE REDUCED BY**

70%.

The development of ICRA protocols for healthcare projects is vital to the success of decreasing the spread of infection and protecting patients.

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CONTAINMENT STRATEGY

Anyone admitted to a hospital has a **5% chance of contracting a HAI** and HAIs can be caused by harmful pathogens that travel with dust.

Facilities need strategies and tools to contain and eliminate harmful pathogens that cause health-associated infections.

https://starcsystems.com/increase-patient-satisfaction-with-icra-class-iv-containment/

Healthcare emergency teams need to be ICRA trained, certified, and equipped to perform ICRA III & IV containment and risk management.

These teams must be ready to install temporary containment and perform remediation and disinfection at the most critical moment of exposure.

MANY OF THE STRATEGIES REVOLVE AROUND THE **ISOLATION OF CONTAMINATION** AND THE **ERECTION OF CONTAINMENT TO:**

- **Minimize Outbreak Severity**
- **Isolate to a Controllable Space**
- **Eliminate Potential Risk from the Area**
- **Monitor the Effectiveness of the Strategy**

Utilizing containment systems with disinfection/decontamination technologies in tandem with the development of Infection Control Risk Assessment (ICRA) protocol, provides optimal risk management and infection control results.

To be effective, the containment barrier system must be easily assembled, dismantled, and moved between areas. It must meet, at minimum, ICRA (Infection Control Risk Assessment) Class IV requirements and be airtight to maintain negative air pressure.

RESEARCH SHOWS THAT BY IMPLEMENTING THESE PRACTICES, THE **MEDICAL COST SAVINGS** IS IN BETWEEN

$35 TO $45 BILLION ANNUALLY

https://www.beckershospitalreview.com/quality/improving-hai-prevention-and-patient-safety-through-effective-environmental-cleaning.html

PATIENT SATISFACTION

In the world of healthcare, few things are more important than improving patient experience and satisfaction.

Whether for a check-up or treatment, patients are fully trusting the staff and the safety of the facility.

Research shows that **45% of healthcare executives** are saying that revamping the patient experience is one of the of their organization's **top three priorities** over the next 5 years.

86% denoting patient satisfaction as "very important" when considering design changes to facilities and services.

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A facility can **reduce risk**, **medical costs, and increase patient satisfaction scores** by having the tools in their arsenal prior to outbreaks, such as a premiere temporary containment solution like the STARC System**.**

At **STARC Systems**, it is our goal to support the reduction of HAIs by providing industry leading containment technologies for improved risk management and infection control.

STARC temporary containment walls are cleanable, rapidly deployed, reusable, and easy to store and transport. STARC containment is a game changer in both infection control and emergency preparedness because it **exceeds ICRA Class IV requirements, reduces renovation noise up to 50%**, and **improves patient satisfaction scores**.

With the risk of an outbreak on the rise, the STARC system allows for the staff to be **quick and flexible** as unexpected changes occur during emergency situations.

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