

FIX THE PROCESS. FIX THE PROBLEM.

The LogicStream Health catheter-associated urinary tract infection (CAUTI) prevention solution helps healthcare organizations reduce CAUTI rates by ensuring clinical teams are following best-practice care protocols based on current guidelines.

The solution guides health systems in adjusting workflows so they are aligned with current evidence-based strategies. Those workflows are then maintained over time to ensure they remain up-to-date. The software confirms clinicians are interacting with the workflow as expected by measuring interaction with the content during care delivery. The solution directs clinical staff to follow core CAUTI prevention strategies, including inserting catheters only for appropriate indications, leaving them in place only if clinically necessary, and assuring they are properly inserted and maintained.



STANDARDIZE PROCESS



DRIVE ADOPTION



IMPROVE OUTCOMES



CLINICAL PROCESS IMPROVEMENT & HIGH RELIABILITY

Problem

Healthcare systems need to reduce incidence of CAUTI. CAUTI have a significant negative impact on patients and health systems:

- CAUTI is the most common type of healthcare-associated infection (HAI), accounting for more than 30% of HAIs reported to the National Health Safety Network with an estimated number of nosocomial UTIs annually of more than 560,000
- CAUTI leads to increased morbidity and mortality with an estimated 13,000 attributable deaths annually
- CAUTI contributes an estimated excess length of hospital stay of two to four days and contributes to unnecessary antimicrobial use
- An estimated 17% to 69% of CAUTI may be prevented by following the recommended strategies

Users

The LogicStream Health CAUTI prevention solution is used by clinical leaders, infection preventionists and quality and performance improvement teams who are focused on reducing HAI rates.

Results

LogicStream Health customers have achieved 75% reduction in urinary catheter hours and 30% reduction in CAUTI rate using our solution in just the first three months following implementation.

Visit www.logicstreamhealth.com today for more information or to schedule a demo.



PROPER PROCESS DRIVES IMPROVED OUTCOMES

The LogicStream Health Clostridium difficile (C. diff) infection reduction solution helps healthcare organizations reduce infection rates by driving workflows that adhere to appropriate testing guidelines and best-practice care protocols.

The solution guides health systems in adjusting workflows so they are aligned with current evidence-based strategies, then maintains the workflow over time to ensure it remains up-to-date, and clinicians are interacting with the workflow as expected. Health systems decrease C. diff infection rates by focusing on three key areas: minimizing patient risk for infection; infection control and preventing spread of C. diff infection; and appropriate testing to minimize false positives.



STANDARDIZE PROCESS



DRIVE ADOPTION



IMPROVE OUTCOMES



CLINICAL PROCESS IMPROVEMENT & HIGH RELIABILITY

Appropriate testing

- Only perform testing on unformed stool
- Do not perform stool testing as a test of cure
- C. diff testing is clinically important. In most clinical circumstances, toxin testing should be performed as the initial test of choice. Exclusive reliance on molecular tests for C. diff diagnosis is likely to result in over-diagnosis, unnecessary treatment and increased healthcare costs.

Problem

Healthcare systems need to reduce C. diff infections as well as inappropriate testing and over-diagnosis that lead to organizational over-reporting of C. diff cases, diversion of needed infection prevention and quality improvement resources, and false positives resulting in unnecessary treatment. C. diff, the causative organism of antibiotic-associated colitis, is the most common infectious cause of health-care-associated diarrhea and a significant cause of morbidity and mortality among hospitalized patients. C. diff infections are associated with increased length of hospital stay, cost, morbidity and mortality in adult and pediatric patients. Attributable costs of inpatient C. diff infections in 2008 dollars have been estimated to be \$3,006 to \$15,397 per episode.

Users

The LogicStream Health C. diff infection testing and reduction solution is used by clinicians (nursing leaders), infection preventionists and hospital leaders who are focused on reducing healthcare-associated infection rates and other clinicians responsible if an infection occurs.

Results

LogicStream Health customers have achieved nearly 100% compliance with appropriate C. diff testing algorithms and 50% reduction in C. diff infection rate using our solution.

Visit www.logicstreamhealth.com today for more information or to schedule a demo.



MEASURE WHAT YOU IMPLEMENT

The LogicStream Health central line-associated blood stream infection (CLABSI) reduction solution helps healthcare organizations reduce infections by ensuring best-practice care protocols are in place and are being followed. The solution guides health systems in adjusting workflows so they are aligned with current evidence-based prevention strategies to drive appropriate care standards. Those workflows are then maintained over time to ensure they remain up-to-date. Surveillance tools measure clinical staff's adherence to the approved processes to decrease CLABSI. Throughout the process, the software supports clinical staff in making determinations about when and how to properly insert, care for and maintain central blood lines to prevent infection.



STANDARDIZE PROCESS



DRIVE ADOPTION



IMPROVE OUTCOMES



CLINICAL PROCESS IMPROVEMENT & HIGH RELIABILITY

Problem

Healthcare systems need to reduce CLABSI and ensure appropriate central line care. CLABSI are unfortunately common, costly and cause significant harm. In most cases, CLABSI is preventable by following evidence-based care bundles. CLABSI impact:

- 250,000 documented CLABSI cases in the United States each year
- 80,000 documented CLABSI cases in United States ICUs each year
- Approximately 33,000 deaths attributable to CLABSI each year in the United States
- According to the Centers for Disease Control, excess attributable cost per patient is more than \$16,000 with a total annual cost of CLABSI in the US of \$1 billion
- Average CLABSI cost reported per case in worldwide literature (adult patients only) was \$70,690 in 2012 dollars with a range of \$40,412 to \$100,980

Users

The LogicStream Health CLABSI prevention solution is used by clinical leaders, infection preventionists and quality and performance improvement teams who are focused on reducing healthcare-associated infection rates.

Visit www.logicstreamhealth.com today for more information or to schedule a demo.

