

THE UNFORGIVABLE METRIC

Avoidable Patient Errors

... And What Hospitals Can Do About Them

MEDICAL ERRORS

are the **3rd leading cause of death** in the U.S. after heart disease and cancer,¹ and patients experience unintended harm in **one-third of hospital admissions.**²

These errors cost the U.S. an estimated **\$17.1 BILLION ANNUALLY.**³

440,000 people die each year from hospital errors, injuries, accidents, infections.⁴

1 of every 25 patients develops an avoidable infection in the hospital.⁵

1,000 people will die today because of a preventable hospital error.⁶



VALUE-BASED PAYMENT REFORMS

are helping spur quality and safety improvements, but progress is slow.



800 hospitals will incur penalties from Medicare in 2019 because of high rates of infections and patient injuries.⁷

That's the highest number of hospitals ever to receive penalties under CMS' program.⁸



"Limited and inconsistent."

How the National Patient Safety Foundation characterizes the rate of patient safety improvements.⁹

HOW CLINICAL SURVEILLANCE HELPS

To improve patient safety, more hospitals are turning to clinical surveillance technology. It provides clinicians with **patient care and safety alerts** based on data pulled from EMRs and other sources.

TOP 6 USES OF CLINICAL SURVEILLANCE

according to 100 health executives¹⁰



Identifying adverse drug events

84%



Promoting antimicrobial stewardship

84%



Implementing patient safety alerts

80%



Preventing inpatient infections

77%



Managing and reducing readmissions

75%



Conducting pharmacy surveillance

75%

HEALTH EXECUTIVES WEIGH IN ON CLINICAL SURVEILLANCE



92% say it improves care.



90% say it is extremely, very, or moderately important to their organization.



80% say investment in it is a high or medium priority.¹¹

CLINICAL SURVEILLANCE IN ACTION

How health systems are using **Vigilanz** to improve patient safety



Palomar Health

uses Vigilanz paired with VERIGENE[®] rapid diagnostics to detect infectious pathogens and drug resistance markers and alert pharmacists about potentially dangerous drug-bug mismatches.

RESULT

An estimated **82 patient lives saved** per year.¹²



Children's Hospitals and Clinics of Minnesota uses Vigilanz to help contain viral outbreaks.

RESULT

Helped **end a measles outbreak.**¹³



Cincinnati Children's Hospital Medical Center uses a complex algorithm, created by the hospital, to identify patients at risk for acute-kidney injury (AKI).

RESULT

Leads to a **40% reduction in AKI.**¹⁴

Vigilanz supports the program by monitoring data with a complex set of exposure criteria and alerting healthcare providers if a patient has been exposed to nephrotoxins or if injury occurs.



THIRD-PARTY CLINICAL SURVEILLANCE SOLUTIONS ARE MOST EFFECTIVE

25% of healthcare executives say they use a third-party solution.

58% of these executives say it improves quality.

48% of healthcare executives say they use EMRs for clinical surveillance.

Only 36% of these executives say this approach improves quality.¹⁵

Vigilanz

Vigilanz (www.vigilanzcorp.com), a clinical surveillance solutions provider, supports a large and growing community of hospital CMOs, CMIOs, CIOs, quality teams, infectious disease and control specialists, pharmacists, and other clinicians dedicated to real-time inpatient and outpatient care.

Learn more about how Vigilanz helps hospitals improve patient care, quality, and safety.

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