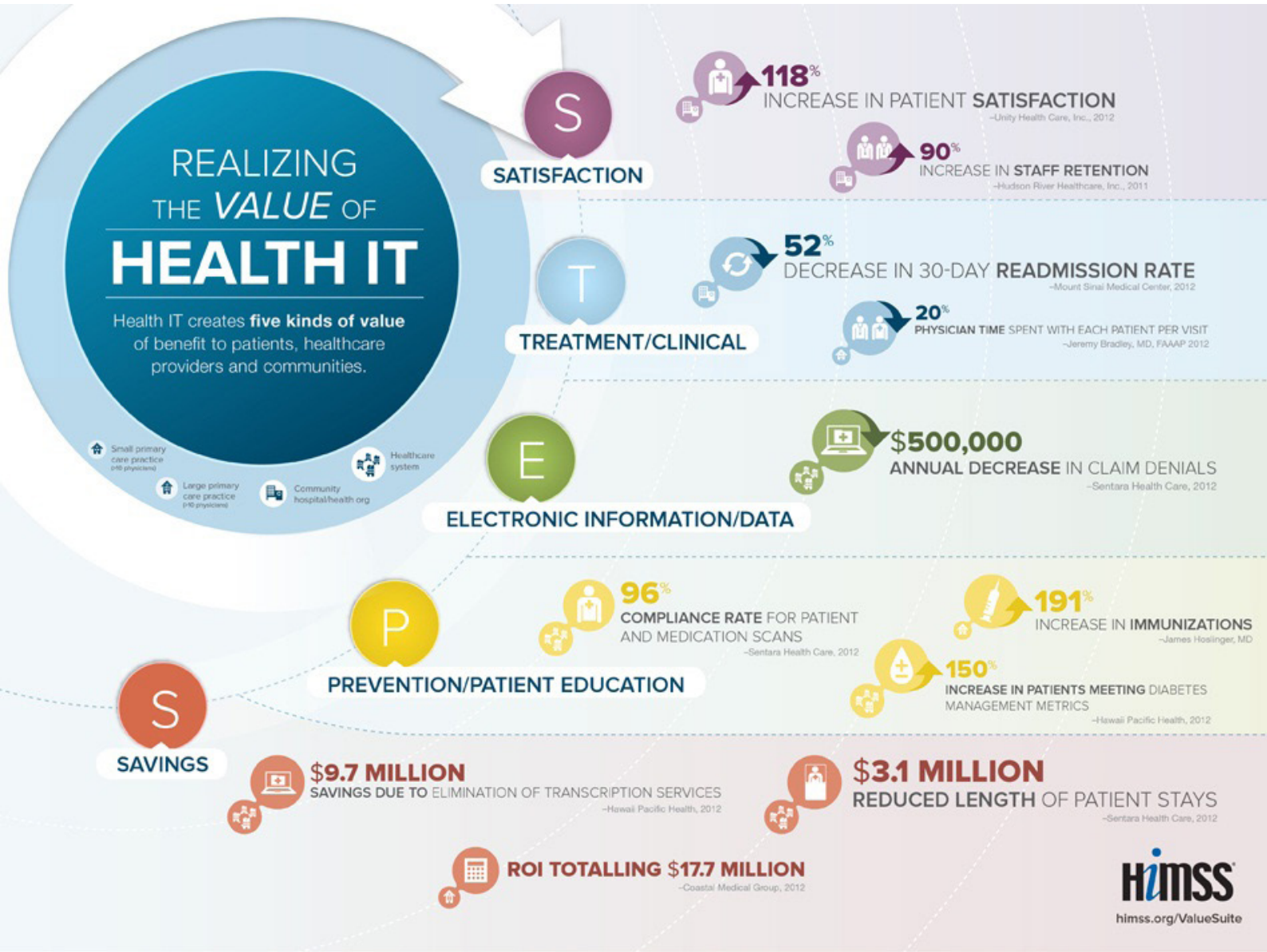
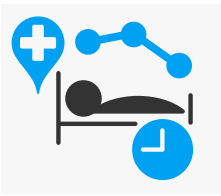
Value STEPS to Better Clinical (and Business) Outcomes: The HIMSS Value Suite



Medication Errors Reduced 33%

Avera Health

In 2012, Avera began its journey "Transforming Patient Safety, One Scan at a Time: Every Patient, Every Medication, Every Time" to 100 percent bedside barcode medication verification (BMV). Utilizing lean and Six Sigma principles throughout the implementation process, Avera Health reduced the volume of medication errors by 33 percent. In addition, over the course of the implementation, Avera's largest hospital, Avera McKennan, has achieved American Nurses Credentialing Center "Magnet" status four times, placing them in an elite class of less than 30 hospitals in the world.



Admissions Reduced 50%

Fremont Family Care

Using an innovative approach to improve processes associated with pneumonia vaccines, Fremont Family Care partnered with Fremont Health, a 202-bed medical facility that also has a number of other clinics in the region, to share admission rates of Fremont Family Care patients. The data collected by Fremont Health specifically targeted patient admissions relative to pneumonia. With the Fremont Family Care clinic leveraging its EHR, clinical decision support, and data from Fremont Health, it realized a 50% decrease in pneumonia-associated hospitalizations.

Screening Rates Up 70%

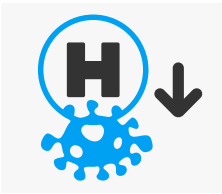
Adult Health Care

Quality documentation not only has the ability to ease practice flow but it can also result in improved outcomes for patients as well. Adult Health Care is a small physicians practice in Albuquerque, NM that implemented an EHR. Almost immediately, Adult Health Care saw the impact of improved documentation, which brought breast cancer screening rates up to 70%.

54 Lives Saved in 2011

UC Davis Medical Center

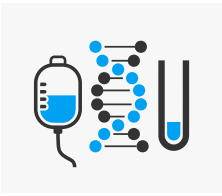
A major goal of the UC Davis ICU team when they sought way to use the EHR to address the sepsis rate, was to reduce that rate by 15% by 2013. With very careful planning, the team made the assessment that the EHR could provide the technological capability to manage sepsis with a new paradigm. With the innovative concept of 'breadcrumbs' generated by the EHR, clinicians finally had the tools for early identification of patients at risk of sepsis, to monitor those patients in real time and to intervene immediately with the onset of the infection. In 2011, they had made exceptional progress. The mortality rate was reduced by 25% over the 2009 baseline for achievement by 2013. As a result, 54 lives were saved in 2011 alone.



62% Decrease in HAIs

Shannon Medical Center

Hospital Acquired Infections (HAIs) are a serious and costly concern for nearly all medical facilities. Hand hygiene is the heart of minimizing HAIs, but can be easily forgotten in the busy environment of patient care. Technology advancements that provide staff accountability, serve as an aid to track hand hygiene compliance, and reduce hospital-acquired infections may be worthwhile investments for healthcare facilities. Shannon Medical Center experienced the effects of utilizing technology to ensure hand hygiene compliance in their facility by introducing a radio frequency identification hand-hygiene monitoring system. Within six months HAIs had decreased by an astonishing 62% as well as making significant improvements in avoiding length of stay days and cost savings.



22% Improvement in Diabetes Control

Nemours Foundation

The Nemours Foundation is a children's health system devoted to a vision of strategically enhancing patient outcomes. The initiative to continue this vision included the adoption of an electronic health records (EHR) system. As a result of dedicated staff, the EHR was successfully integrated into organizational processes providing valuable benefits for healthcare professionals and patients alike. For example, the evidence-based decision EHR function serves as a guide for clinicians to assist in best practice care. As a result, patients have realized a 22% improvement in diabetes control.

Sepsis Rate Decreases to 2%

Banner Health - North Colorado Medical Center

According to the Center for Disease Control, sepsis causes 750,000 infections and 34,000 deaths every year in the USA. This makes sepsis the number 10 killer in the US. The EHR implemented by Banner provides 24/7 monitoring of ICU patients. When evidence of sepsis appears, clinicians are provided with evidence based plans of care. In contrast with a national sepsis mortality rate of 25% to 50%, over a 12-month period, the sepsis mortality rates in Banner ICUs ranged between 15 and 17 percent. Banner Health- North Colorado Medical Center reduced the ICU sepsis mortality rate to 2%.

Reduced CHF Mortality by 20%

Park Nicollet Health Services

Park Nicollet Health Services implemented its new EMR with deeper analytics capability than it had ever had. With the new system, Park Nicollet was able to have a significant impact on the lives of patients. By leveraging advanced analytics, the organization improved the prevention of diabetes and congestive heart failure (CHF). As hoped, the solutions were instrumental in reducing the heart failure mortality rate by approximately 20%.

Read on about the HIMSS Value Suite here >>