



Stories of Success!
Leveraging HIT, Improving Quality & Safety
 Featured Case Studies – www.himss.org/storiesofsuccess

These selected case studies represent outstanding accomplishments in the adoption and use of health IT to fulfill national priorities recommended by the [National Priorities Partnership](#) (NPP) and The Joint Commission’s (TJC) [National Patient Safety Goals](#).

HIMSS and co-sponsors American Society for Quality (ASQ), National Committee for Quality Assurance (NCQA) and National Patient Safety Foundation (NPSF) are proud to showcase two “Tier 1” applicants (the most informative submissions aligned with the *Stories of Success!* purpose), and four “Tier 2” applicants, additional impressive successes to highlight and share with the industry.

Tier 1 Organizations	Case Study Title & Example of Successful Outcomes	Health IT	TJC National Goal or NPP Priority Impacted
Princeton Baptist Medical Center	Efficacy of an Electronic Hand Hygiene Surveillance and Feedback Monitoring Device Against Healthcare Associated Infections <ul style="list-style-type: none"> A 22% decrease in electronic infection markers indicates the potential to not only reduce healthcare associated infections (HAIs) in a hospital but to decrease the costs associated with these infections. 	RFID	Reduce the risk of Healthcare Associated Infections NPSG.07.01.01 NPP Goals: Safety NPP - Infrastructure supports*
Southeast Texas Medical Associates	Improving Population Healthcare and Safety Through Real-time Data access, Auditing and Reporting <ul style="list-style-type: none"> EHR and business intelligence tools drive quality metrics on its entire population of 7,600 diabetes patients, and all providers can calculate all 12 Framingham risk scores in one second. 	EHR	NPP - Patient and family engagement NPP-Population health NPP-Safety NPP-Care Coordination NPP-Infrastructure supports*
Tier 2 Organizations	Case Study Title & Example of Successful Outcomes	Health IT	TJC National Goal or NPP Priority Impacted
Texas Health Resources	Reducing Venous Thromboembolism (VTE) using Clinical Decision Support <ul style="list-style-type: none"> Best practice advisories are configured to fire every 4 hours for physicians until VTE Prophylaxis is ordered or documentation given as to why not and for nurses until the physician is contacted. 	EHR, CPOE, CDSS	Improve the safety of using medication - NPSG 03.05.01 NPP – Safety NPP – Care coordination NPP – Infrastructure supports*



Tier 2 Organizations (contd)	Case Study Title & Example of Successful Outcomes	Health IT	TJC National Goal or NPP Priority Impacted
Nemours	<p>An Organized Strategic Focus to Achieve National Patient Safety Goals (NSPGs) Augmented by an Electronic Medical Record (EMR).</p> <ul style="list-style-type: none"> The rate of complete documented outpatient medication reconciliation improved from 30% of encounters to near 90%. 	EMR & CPOE	<p>Improve accuracy of patient identification NPSG.01.01.01 Reduce the risk of healthcare associated infections NPSG.07.05.01 Accurately & completely reconcile medications across the continuum of care NPSG.03.06.01* NPSG.08.01.01 NPSG.08.02.01 NPSG.08.03.01 NPSG.08.04.01 Universal Protocol UP.01.01.01 UP.01.02.01 UP.01.03.01 NPP – Safety NPP – Care Coordination NPP – Infrastructure supports*</p>
Veterans Healthcare System of the Ozarks	<p>The Use of a Cognitive Aid within the Electronic Record can greatly improve the effectiveness of communication among care givers and reduce patient injuries from falls.</p> <ul style="list-style-type: none"> VHSO has sustained twenty-one months with no major complication within their inpatient population, a major accomplishment in a setting with an average patient turnover rate of 6.35 per month. 	CPRS	<p>NPP – Safety NPP – Care coordination NPP – Infrastructure supports*</p>
Virginia Commonwealth University Health System	<p>Using Health Information Technology - CPOE to Advance Performance Improvement in Heart Failure Patients at Virginia Commonwealth University Health System.</p> <ul style="list-style-type: none"> Consistently exceed 95% in ensuring their heart failure patients receive appropriate written discharge instructions and education at time of care transition, sustained for seven quarters. 	EHR CPOE	<p>Accurately & completely reconcile medications across the continuum of care NPSG.08.01.01 NPSG.08.02.01 NPSG.08.03.01 NPSG.08.04.01 NPP - Patient and Family Engagement NPP – Safety NPP – Care coordination NPP – Infrastructure supports</p>

Note: all The Joint Commission National Patient Goals (NPSG) are 2010 Goals except where noted with an asterisk () which refer to 2011 Joint Commission National Patient Safety Goals.
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