



Healthcare Organization Commitment

Contact Details

Name

WILLIAM WILSON

Phone

714-456-6844

Email

wcw@uci.edu

Position

Chief Medical Officer

Organization Name

UCI Health

Commitment Details

How many hospitals are represented in this commitment?

Last Report	Current
1	1

Action Plan

New suction canisters are now in-house to measure strict output for urine. Purewick device launched. Working with nursing students to perform potential observations for compliance with care (CDC CAUTI bundle). EMR work underway re: daily device necessity.

Commitment Update

From the initial action plan, there have been multiple interventions that have been successfully implemented in an on-going effort to reduce Catheter Associated Urinary Tract Infections (CAUTIs). With consideration of providing the right tools for the job, efforts have been successful with providing both male and female external urinary devices that provide

effective alternatives to indwelling catheters. After receiving buy-in and support from frontline staff, extensive education and awareness campaigns were completed to promote the usage of these new devices – which has resulted in an overall reduction in indwelling catheter usage. To assist with developing a collaborative, multi-disciplinary approach to CAUTI reduction, a CAUTI Performance Improvement (PI) team was formed with representatives from multiple specialties. The formation of this team has yielded the identification of a need for, and subsequently the completion of a Urinary Retention Algorithm to assist in guiding and standardizing the management of Acute Urinary Retention. Additionally, the CAUTI PI Team has developed and implemented a CAUTI rounding tool. This rounding tool is effective at removing indwelling catheters in a timely manner when no longer indicated, promoting critical thinking for possible alternatives available, and educating on best practices if an indwelling catheter is still required. Additional interventions that are also being employed include: Apparent Cause Analysis (ACA) when CAUTIs are identified; care review is presented to identify opportunities for improvement and inspire practice change; improved access and utilization of bladder scanners; EMR update to include assessment for device need; and, on-going nursing education on CAUTI prevention. The previously noted efforts, in conjunction with the strong foundational knowledge present at UCI Health, has led to a reduction in CAUTIs below the DHHS benchmark target.

Other

Challenge 2B - Catheter-associated Urinary Tract Infections (CAUTI)

Please describe any best practices your organization has learned through your commitment and share valuable lessons or challenges that were overcome

Throughout the on-going effort of CAUTI reduction, there have been a few key takeaways that are important to consider when implementing strategies. This includes involvement and inclusion of key stakeholders that represent multiple specialties, and different professions. The insight, practices, and general knowledge that these stakeholders provide from the different units is invaluable at identifying opportunities for practice improvement. As an example, representatives from the Operating Room and Emergency Department provided significant information that allowed for improvement in insertion technique at UCI Health. Additionally, the development of a standardized process to identify opportunities for timely removal of indwelling urinary catheters, the most effective method of reducing risk of CAUTI, is critical for establishing consistent practice. Some challenges encountered throughout the implementation of new strategies included: effective communication of the changes; and, comprehensive education of those affected stakeholders. Fortunately, having anticipated these challenges, effective mitigation strategies were developed as part of implementation strategies, and assisted in improving overall effectiveness of campaigns.

Impact Details

Initial Commitment	Commitment Update	Project Next Year
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Lives Lost 0	Lives Lost 0	Lives Lost 0
Lives Spared Harm Target 0	Actual Lives Spared Harm in last 12 months 0	Lives Spared Harm Target for following calendar year 0
Lives Saved Target 0	Actual Lives Saved in last 12 months (might differ from initial target) 0	Projected Target of Lives Saved for following calendar to try to finish commitment 0
	New Lives Lost (lives lost – actual lives saved) 0	

Acknowledgement

Yes, I acknowledge that this commitment may be used for external communication and publicly announced at the World Patient Safety, Science & Technology Summit. Furthermore, I agree that this commitment may appear on the website of The Patient Safety Movement Foundation or the Masimo Foundation. I also give permission for my commitment to be used in support of the promotion of the World Patient Safety, Science & Technology Summit as well as The Patient Safety Movement initiative.