



Healthcare Organization Commitment

Contact Details

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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

Newborn and Pediatric adverse drug events and medication errors are reviewed monthly with a multi-disciplinary team. Aim is to decrease preventable errors and ADEs. Actions underway include: -The SQIS Incident Reporting system is utilized to report ADEs for analysis, trending and performance improvement -eMAR and barcoding for medication administration has been implemented -Standardized order sets are established which include pharmaceutical administration -CPOE has long been in place at UC Irvine Health; mechanisms for medication reconciliation, allergy checking, interaction and dose range checking with alerts exist in Epic -Pharmacist rounding, including double-check processes has been implemented for newborn and pediatric patients -Nurses review the MAR during

their standardized hand-off process -Smart drug infusion pumps are utilized, with drug libraries appropriate to the population served -The EMR provides support for weight-based prescribing, compounding dispensing and administration, although further refinement would be beneficial in this area -

Commitment Update

Multidisciplinary team continues to review ADEs reported to identify trends and opportunities for improving the system. All other actions are in place. UCI Health specific dosing reference for the NICU was added to the electronic health record so it is easier for all staff to double-check the appropriateness of each medication order. In 2019 the organization is looking into putting dosing hard stops for high risk drugs such as electrolytes, continuous drips,... in the electronic health record.

Other

Challenge 3D - Pediatric Adverse Drug Events

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

Challenges: 1. Limited resource from IT to add the dosing hard stops into the electronic health record so project may take longer than desired 2. Small pediatric population so very small number of errors reported

Impact Details

Initial Commitment	Commitment Update	Project Next Year
Lives Lost 0	Lives Lost 0	Lives Lost
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)	
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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.