Healthcare Organization Commitment

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APSS

What Patient Safety Challenge does your Commitment address?
Challenge 3E - Standardize and Safeguard Medicine Administration

Commitment Name
Improving the Safeguarding and Use of Medications - Update - 12.27.2019
How many hospitals are represented in this commitment?

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<th>Last Report</th>
<th>Current</th>
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Did you download and use the APSS in tandem with your action plan?
Yes

If yes, was the APSS valuable?
Yes

Self Assessment Tool

Create an action plan

| Create a multidisciplinary team of physicians, nurses, pharmacists, and administration | Yes |

Ensure best patient care

| Use the potential of the newest, barcode-enabled, mobile medicine safety tools | Yes |
| Educate staff about and use of a universal checklist for all medicine administration | Yes |
| Follow protocols to create a “mobile medicine safety system” that: | |
| Works everywhere within your healthcare facility | Yes |
| Works when offline, such as during natural and man-made disasters, military, transport, and remote situations | Yes |
| Has basic documentation functionalities that work with existing electronic systems and EMR | Yes |
| Is supplemented with barcode access points that eliminate the need for math or memorization at acute ordering, medicine preparation, and delivery | Yes |
| Can be integrated into your systemic response to acute medicine shortages | Yes |
Use patient stories – in written and video form – to teach and inspire change in your staff  | No

Boxes Marked Yes:
8

Your Score:
88%

Commitment Details

Commitment Update
The hospital continues to work with the action plan of the initial commitment to achieve a medication system that involves safe, technology and metric processes that reduce the risks of medication errors. This year as part of the actions that the hospital will add to reduce the risks of medication-related errors are: 1. Implement a system based on QR codes that allows monitoring of medications from the moment they enter the organization until they are administered to the patient. 2. The introduction of patient stories that have suffered an adverse event during the personnel training as a strategy to learn from the mistakes and improve the culture of safety in the hospital.

Please describe any best practices your organization has learned through your commitment and share valuable lessons or challenges that were overcome.
- Strengthening controls to ensure traceability of medications that allows management from the inventory to the administration process of the medications. - Implementation of efficient processes such as the single-dose system that provides better control and generates greater safety for our patients. - The importance of communication between the personnel involved in the medication system as a mechanism to reduce errors.

Action Plan

Impact Details

Lives Saved

Next, make a prediction (goal) of your lives saved in the next 12 months. We’ll give you the opportunity to update us next year on the actuals:
10

Lives Saved:
1
Lives Spared Harm:
10

Methodology for Determining Lives Saved:
We are using the metric of medication errors with the formula: adverse drug event (ADE) with harm to patient /number of doses administrated. We selected this metric to follow up this commitment because being the administration the last step of the process it give us an idea of mistakes that were made during the medication process. In the next commitment we want to complement this commitment with other metrics that follows another steps of the medication process related to the safeguarding of the medications. We are going to obtain this information from the QR codes that are going to be implemented this year as part of the action plan. The lives saved update is based on the Heimlich piramid that enunciate that for every 600 incidentes there are 10 mild adverse events and 1 serious adverse event.

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.