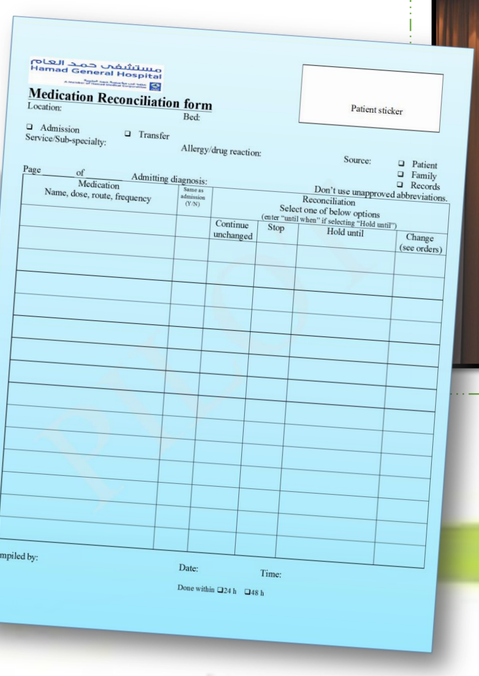
Medication Reconciliation in Surgical - ICU

Medication reconciliation is a top patient safety priority. In May 2015, an audit was done by our Pharmacist, which revealed that only 5% of our patients had a medication reconciliation done on admission to the SICU.
In accordance with our pledge to keep our patients safe, we started a project in SICU to ensure that a medication reconciliation was carried out within 24 hours for all new admissions. The whole team (nurses, physicians, pharmacists and other healthcare providers) collaborated in this effort.

Aim

To improve compliance with medication reconciliation within 24 hours for all newly admitted patients in SICU to from 5% to 60% by July 2016 and to 85% by December 2017.



Objectives

- Develop a form for medication reconciliation (for use until EMR).
- Educate staff about the importance of , and the process for, medication reconciliation.
- Perform reconciliation for all new admission to SICU within 24 Hours
- Audit monthly for compliance monitoring.

Methodology

Medication reconciliation to be initiated by the admitting physician.

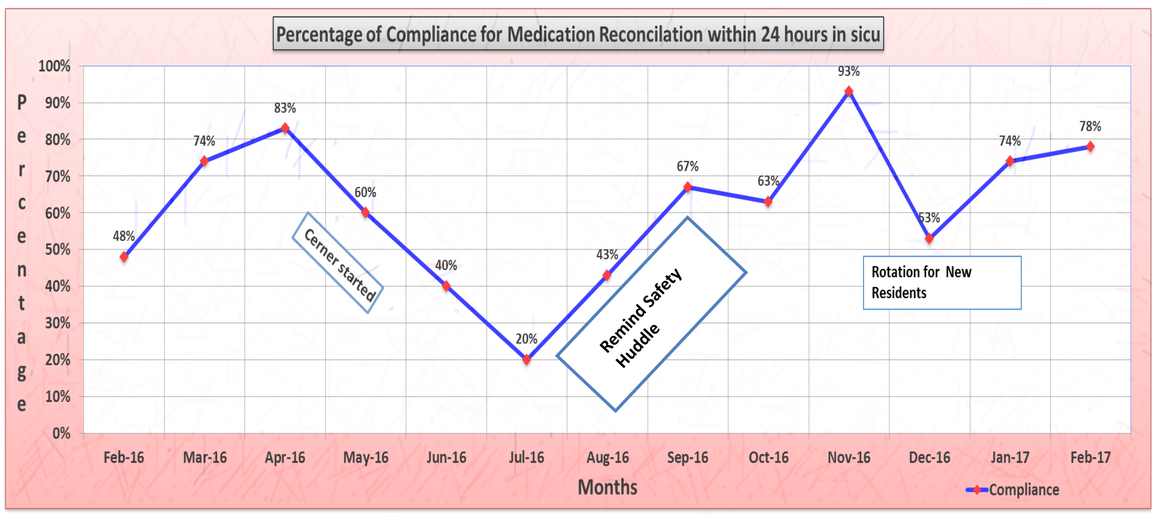
Emphasize the importance of medication reconciliation in patient safety huddles

Identify the role of each team member in the medication reconciliation process.

The Pharmacist to review and verify reconciliation for all newly admitted patients.

Result

- ✓ Initial compliance 48%.
- ✓ Improved to 83% with above strategies.
- ✓ When the new EMR introduced, compliance dropped to 20%.
- ✓ New PDSA - During safety huddle, physicians were reminded which patient did not have medication reconciliation.
- ✓ Peaked at 93%.
- ✓ New resident rotators identified as cause for drop off in December 2016.



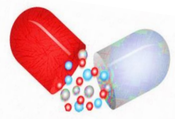
Conclusion

- Utilizing a multidisciplinary team approach and a system of reminders, checks and ongoing education for new team members, we were able to make medication reconciliation a moderately reliable process.
- Compliance went from essentially zero in May 2015 to greater than 75% currently. Further improvements will bring us to 100%.

Future Plans

- Include medication reconciliation for new resident induction program in SICU.
- Start tracking medication reconciliation upon transfer out from SICU.
- Make medication reconciliation a part of formal unit orientation

Members



•Project Team Members

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