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OBJECTIVES



Automate labeling process



Enhance patient safety



Save time for greater patient care



Improve compliance

Anesthesia Syringe Labeling Solution

CASE STUDY

How Vigilant Increased Compliance and Safety Using Syringe Labels

■ BACKGROUND

Anesthesia medications are not always documented due to lack of medication administration processes:

- **Lack of safeguard in OR:** no EMR checks, no pharmacy verification, no medication scanning
- **Medication waste:** drugs and vials are not properly documented or returned.
- **Task overload:** Anesthesiologists face high workload and time constraints due to multitasking

■ SOLUTION

Vigilant prints compliant syringe labels for all medication used in surgical cases with NDC specific barcodes for easy documentation.

Decreasing Medication Errors and in the Perioperative Area

INTRODUCTION

50% perioperative medical errors occur in the administration process.

The purpose of the study is to decrease perioperative medication errors by improving medication practices through implementing Vigilant anesthesia syringe labeling solution.

FINDINGS

The availability of Vigilant pre-printed labels specifically designed for anesthesia cases can significantly improve compliance with labeling requirements at the point of care.

The compliance rate increased by 90% after 30 days of free trial.

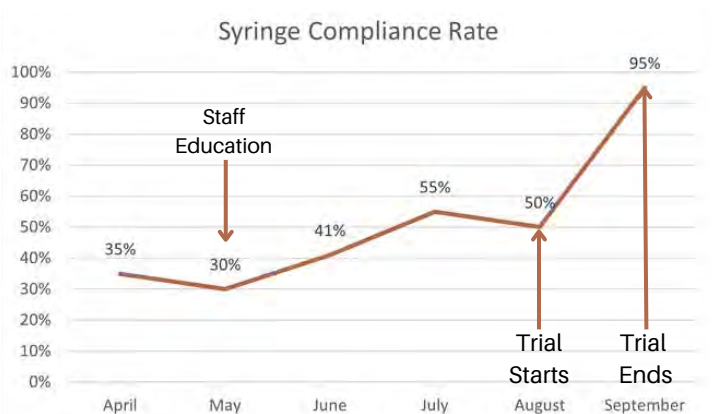


Figure 1: Compliance Pre-Post Comparison



ERROR REDUCTION

By implementing Vigilant's labeling solution, the risk of errors associated with manual labeling or handwritten labels is reduced. The clear and legible labels produced by the system minimize the chances of misinterpretation or misreading of critical information, which in return, decreases the likelihood of administering the wrong medication or incorrect dosage, ultimately reducing medication errors.

Integrating such interventions with other strategies, including staff education, clear protocols, and a culture of safety, further enhances the overall effectiveness in reducing medical errors

CONCLUSION

Vigilant Anesthesia Syringe Labeling Solution helps:

- Eliminate outside of OR workflow for pharmacists and nurses
- Avoid end of case task overload
- Labeling time saved by 78.85%
- Reduce medical errors
- Improve quality and safety of perioperative care
- Compliance increased by 90%

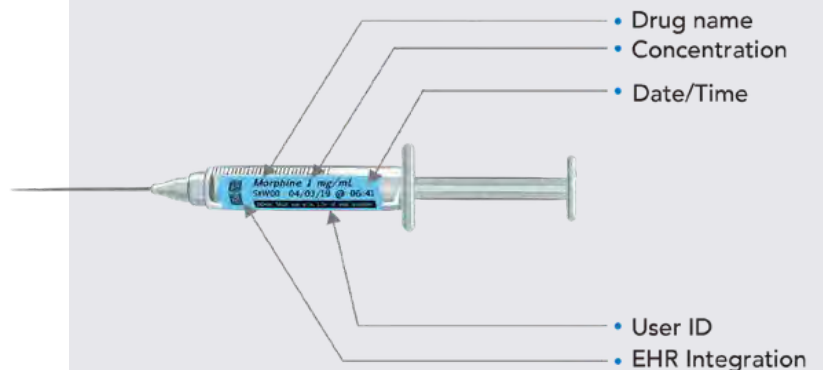
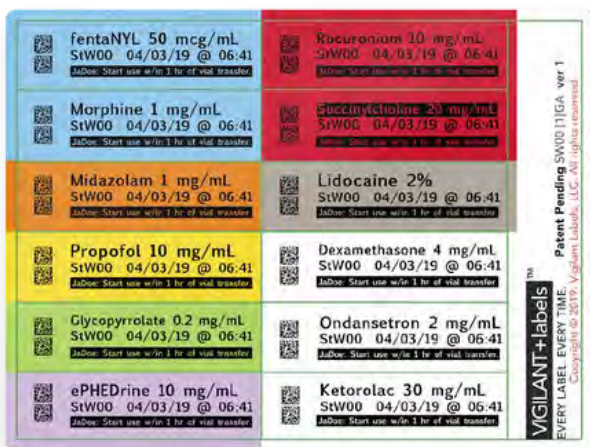


Figure 2: Vigilant Anesthesia Syringe Label Sheet Template