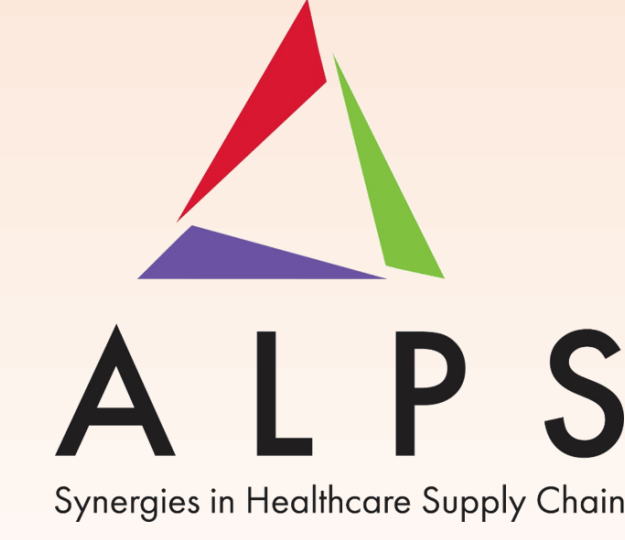


Improving First-Expiry-First Out (FEFO) Compliance in Clean Utility Room of Medical Wards

Ng Hui Ting, Aidil Bin Buhari, Zuraimi Bin Mofun,
Muhammad Fadzulie Bin Rahmat, Karen Oh Kar Hong
ALPS – SKH Pharma



Singapore Healthcare Management 2023



Introduction

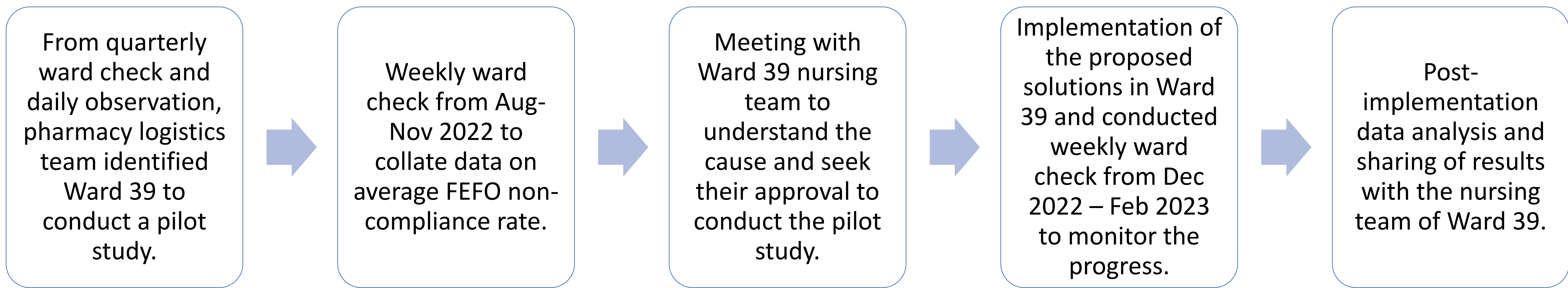
Pharmacy Logistics Team handles the topping up of pharmaceutical supplies to the clean utility (CU) room in all SKH medical wards. The main user of these products is the nursing team of the respective wards. It has been identified during the ward checks conducted by pharmacy team that the products are not arranged and picked in FEFO sequence. This may result in poor expiry management and also affect patient safety due to administration of expired products.



Mission Statement

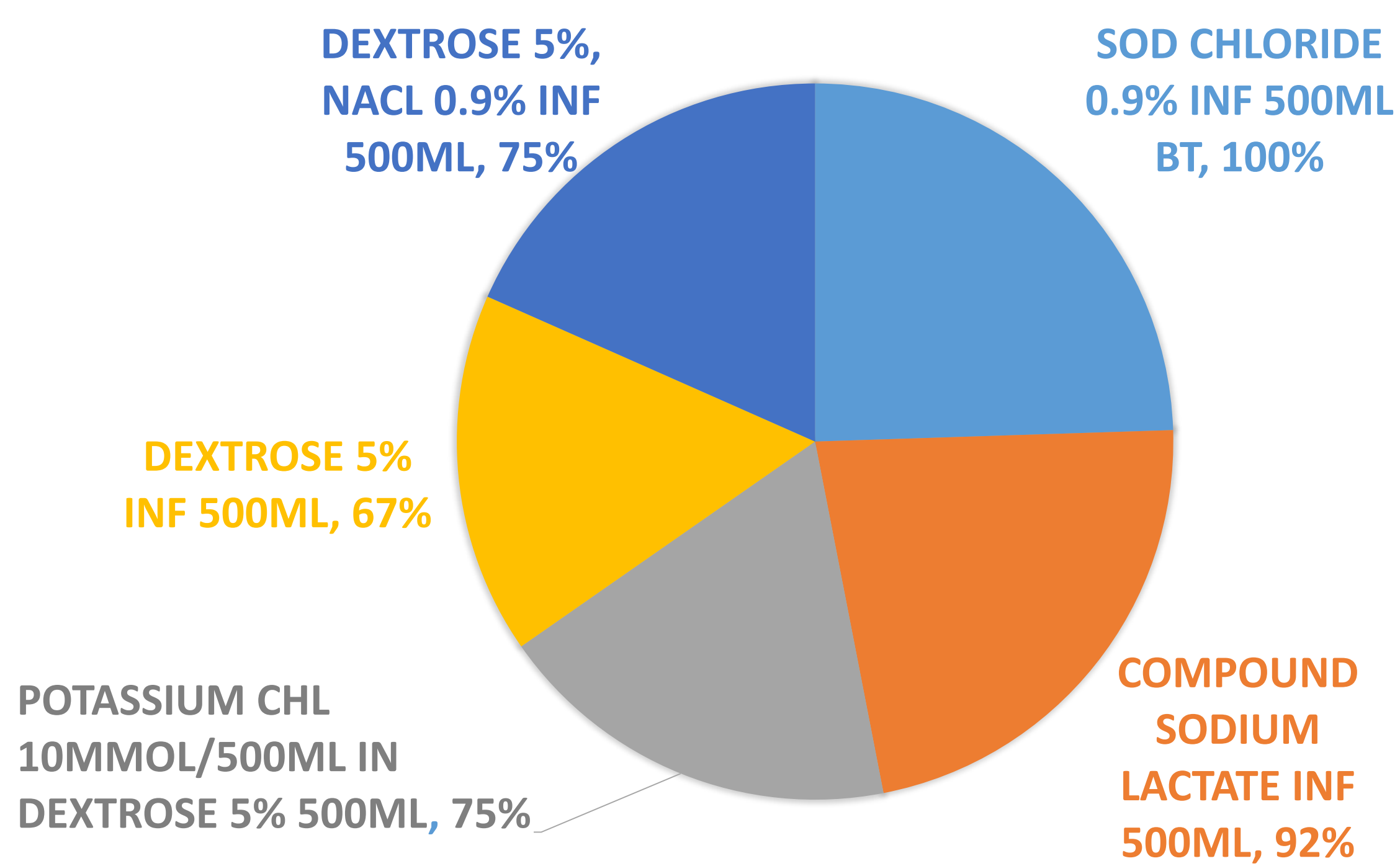
To improve first-expiry-first-out (FEFO) compliance in Ward 39 from 12.8% to 3.0% in December 2022 to February 2023.

Methodology

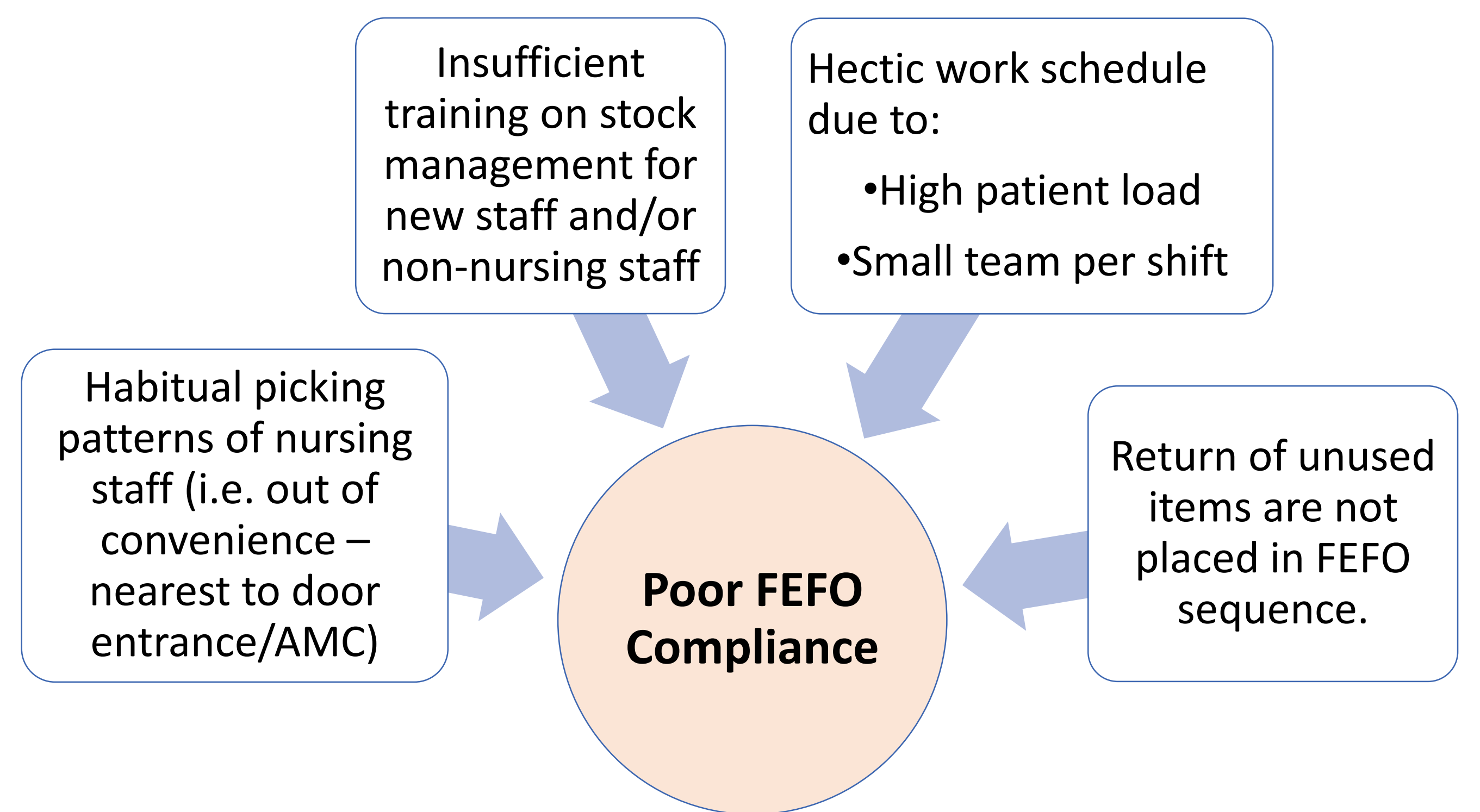


Results and Discussion

a. Identified the main product category with poor FEFO compliance is infusions.



b. Communicated with the nursing team to understand the possible causes of poor FEFO compliance in Ward 39.

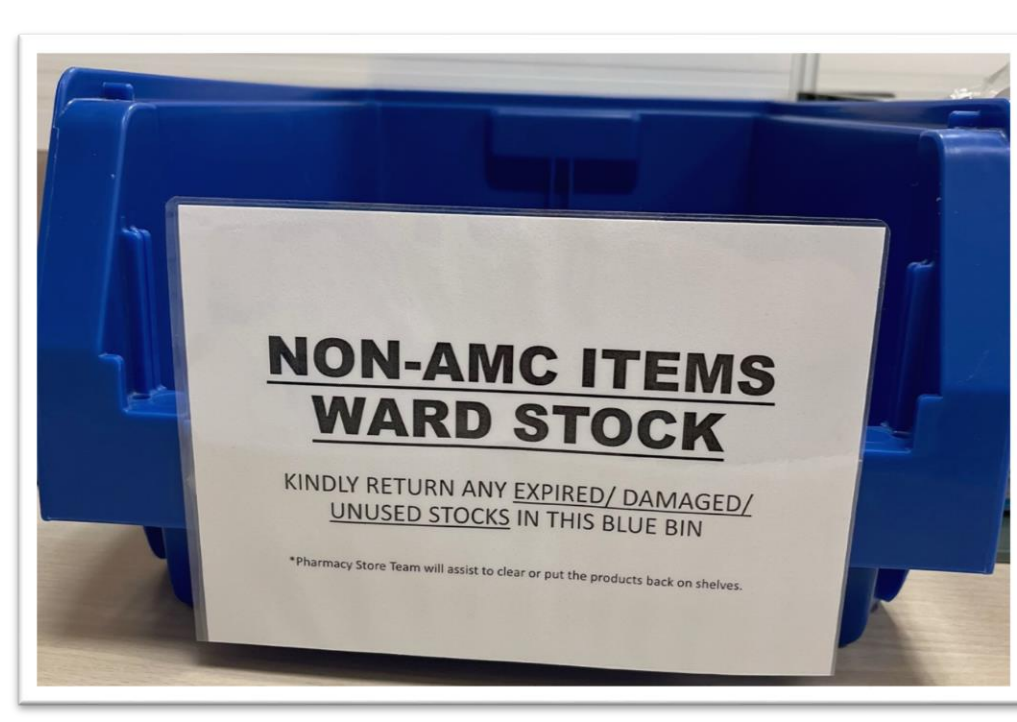


c. Proposed solutions in response to the feedbacks from nursing team:

1. Reminder tags on shelves



2. Segregated area for returned products



3. Training on FEFO for Ward 39



d. Project outcome:

- Overall rate of FEFO non-compliance has improved from 12.8% to 8.8%.
- Observed improvement in FEFO compliance for infusions from 81.7% to 58.3%.

Conclusion

- Good results in improving FEFO compliance rate achieved and should continue with these measures in Ward 39.
- Plans in the pipeline: (1) Gather end users' feedback on the measures and (2) Discuss on feasibility to continue implementation in all SKH medical wards.

