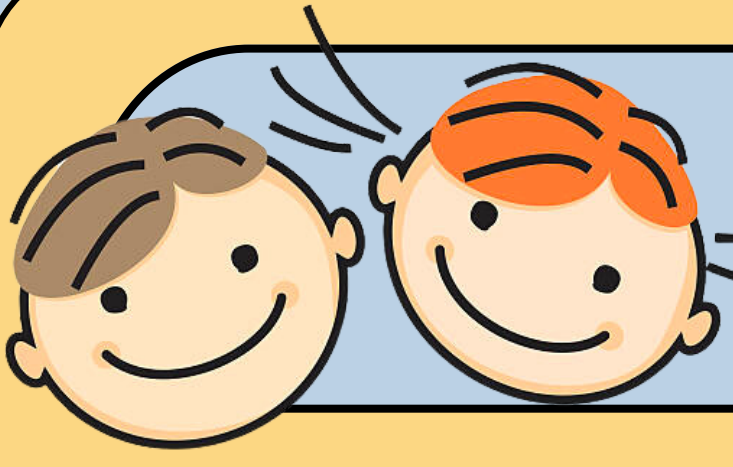


# MEDICATION PRESCRIBING, ORDERING, AND ADMINISTERING ERROR BY PHYSICIANS AMONG ADMITTED PATIENTS AT TERTIARY GOVERNMENT HOSPITAL

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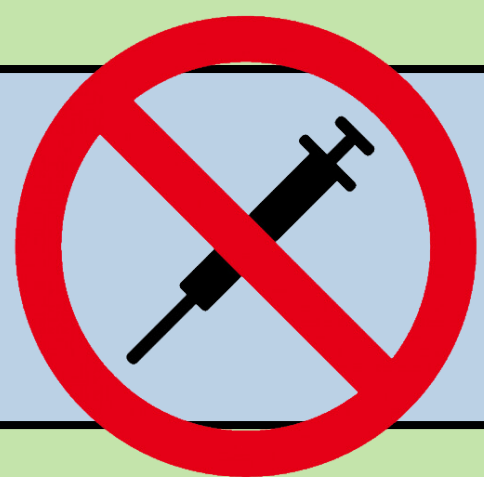
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## INTRODUCTION

- Medication errors constitute a major concern in different age groups; children are distinctively prone to this problem.
- From January 2020 to June 2022, there were 15 medication errors in the Department of Pediatrics.



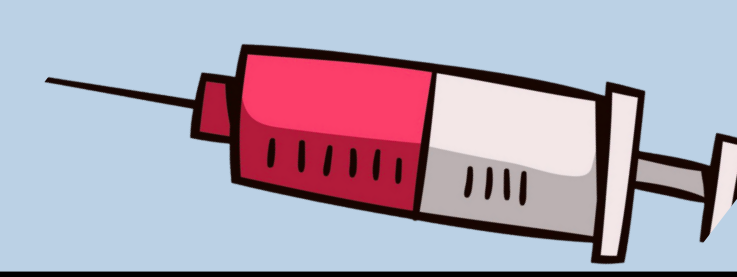
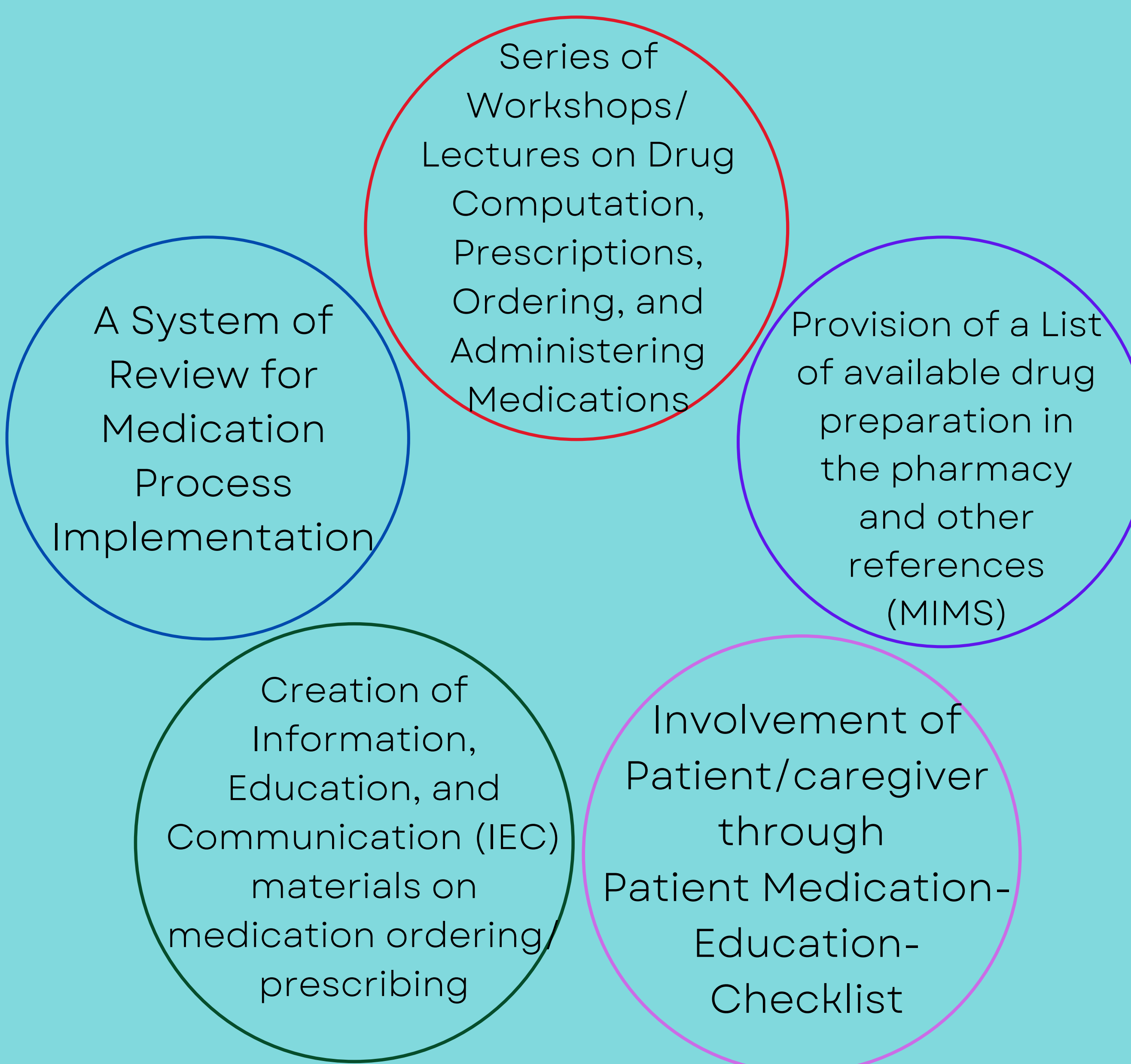
## AIM

- To eliminate the incidence of medication errors by physicians in the Department of Pediatrics by the end of September 2022.

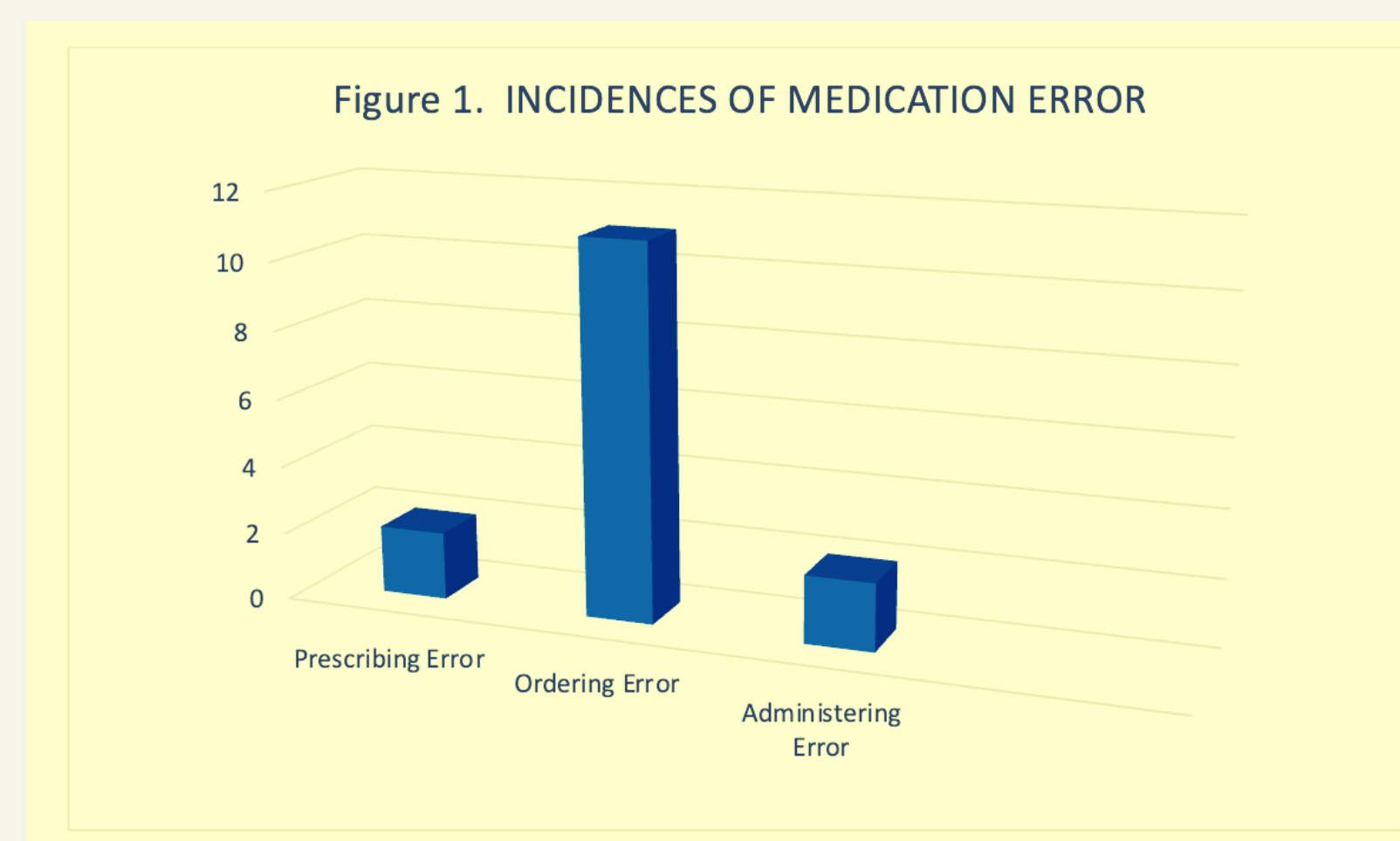
## METHODS



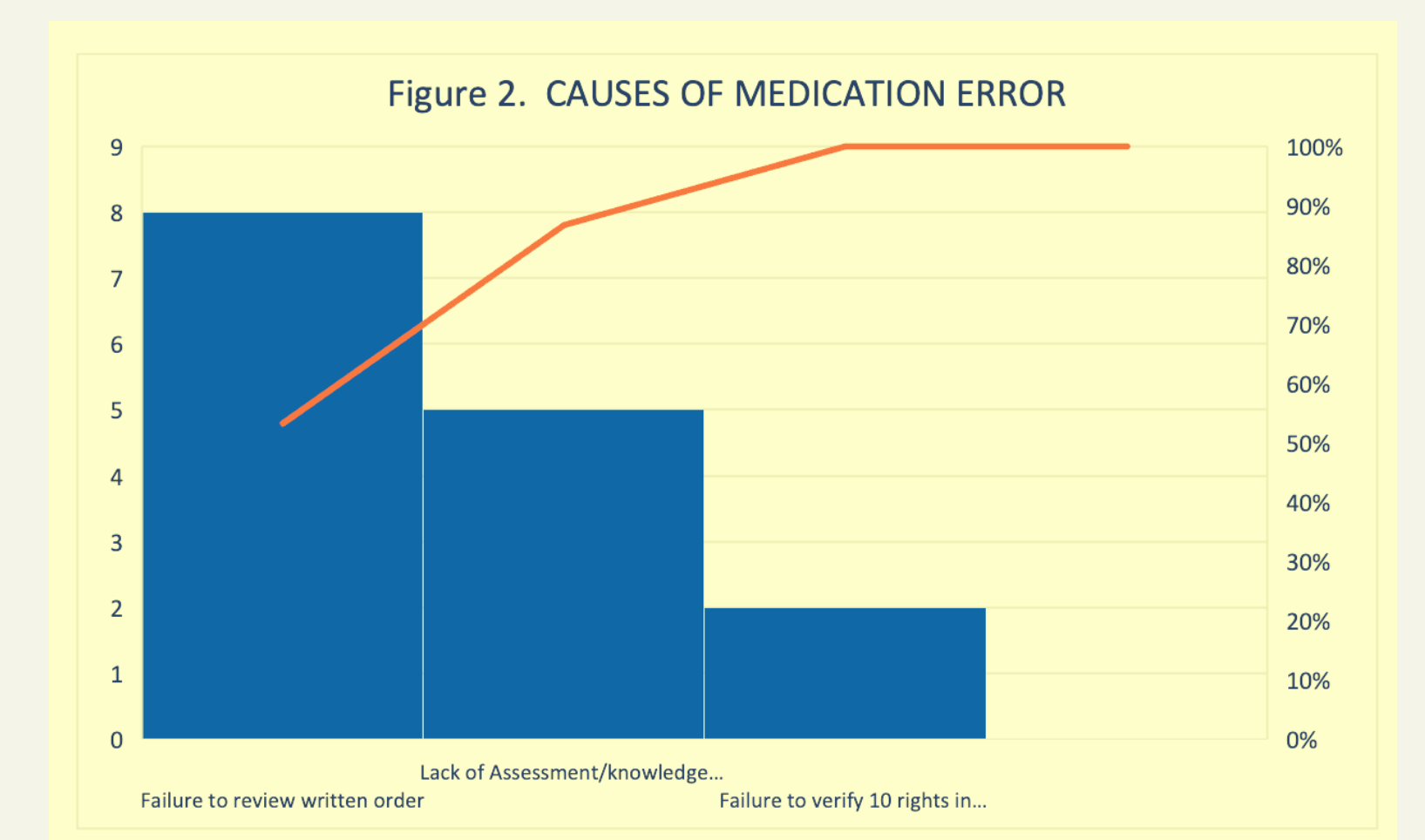
From August to September 2022, the following alternative solutions were implemented:



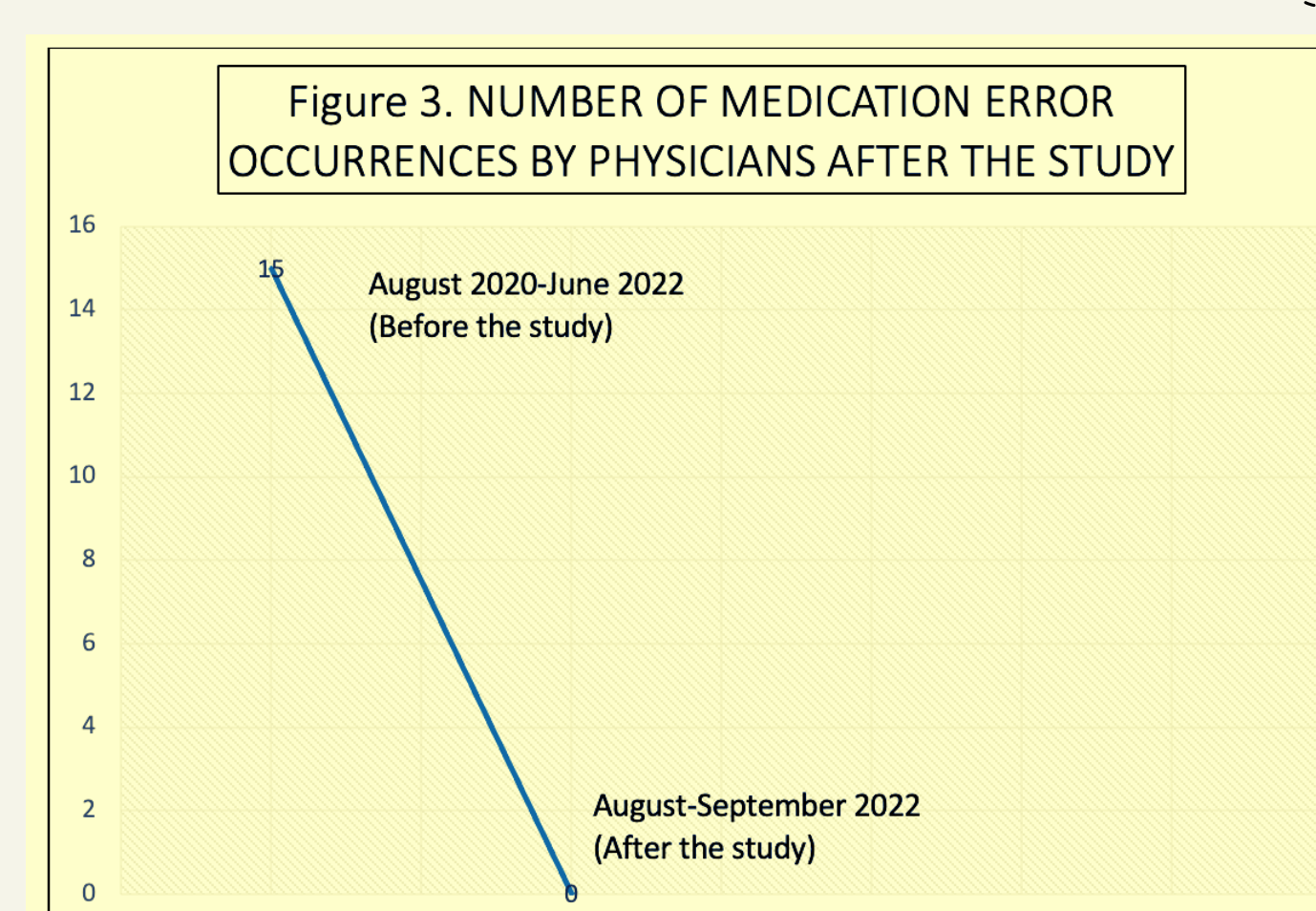
## RESULTS



Types of Medication Error



Causes of Medication Error



Comparison of Results Before and After the Study

90 patient charts were reviewed for medication errors

100% of ward residents attended the medication workshops

100% of areas were issued copies of the drug list, (MIMS), and IEC materials

100% of patients receiving medications from piloted areas utilized the Patient- Medication- Education-Checklist

zero medication error

## CONCLUSION



- All implemented alternative solutions for preventing medication errors were effective.
- Future studies on implementing alternative solutions in other clinical areas are recommended.

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- Rodaliza M. Gumboc, MD



## REFERENCES

- National Coordinating Council for Medication Error Reporting and Prevention. What is a medication error? New York;2015
- Kaushal R. Bates DW, Landrigan C, et al. Medication Errors and drug events in pediatric patients. JAMA. 2001
- World Health Organization. WHO global patient safety; Medication without Harm, 2019
- Paul Matthew D. Pasco, Ruzanne M. Caro, Connie L. Cruz, Nerissa M. Dando, Iris Thiele C. Isip-Tan, Lynn R. Panganiban, Loralyn P. Pascua, Rosario R. Ricalde and Antonio C. Sison. Prevalence of Medication Errors in Admitted Patients at the Philippine General Hospital, ACTA MEDICA PHILIPPINAVOL. 51 NO. 2 2017
- Germin Dale B. Carino, RN; Rowell L. Divinagracia, RN; Rupert B. Reyes, RN; Godfrey M. Sia, RN; Charlene M. Sydiongco, RN, Factors that Contribute to Medication Errors in the Philippine Heart Center. 2010

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