



# KANYE ADVENTIST HOSPITAL(KAH)

## QUALITY IMPROVEMENT PROJECT POSTER

### TITLE: REDUCUNG EXPIRY OF PHARMACEUTICAL ITEMS IN KAH

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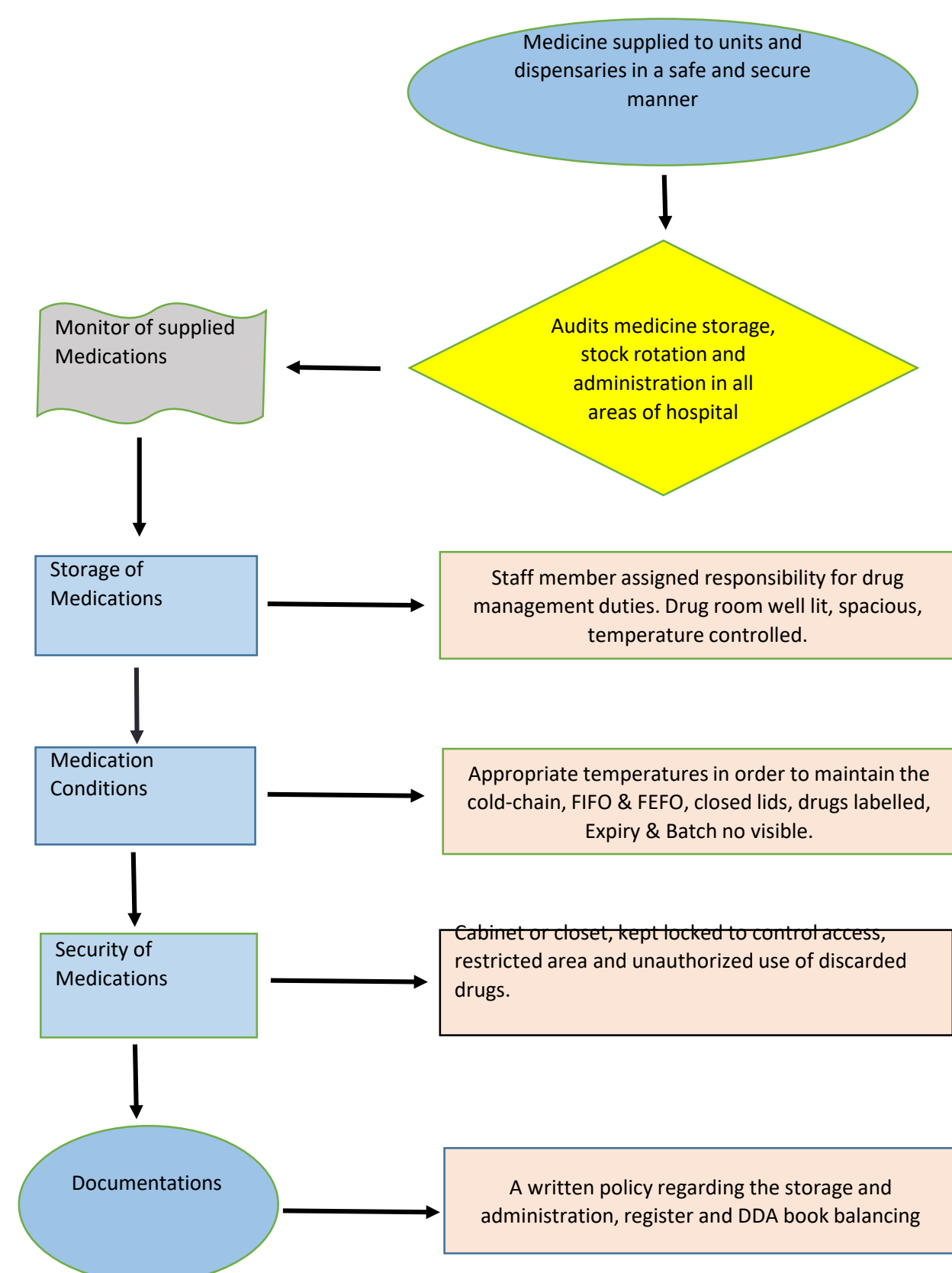
## THE PROBLEM STATEMENT

Drug expiries in pharmacy and wards in Kanye Adventist Hospital is a concern to the pharmaceutical officer, despite the measures kept in place to address the chronic challenges seems not to have yielded the desirable effect.

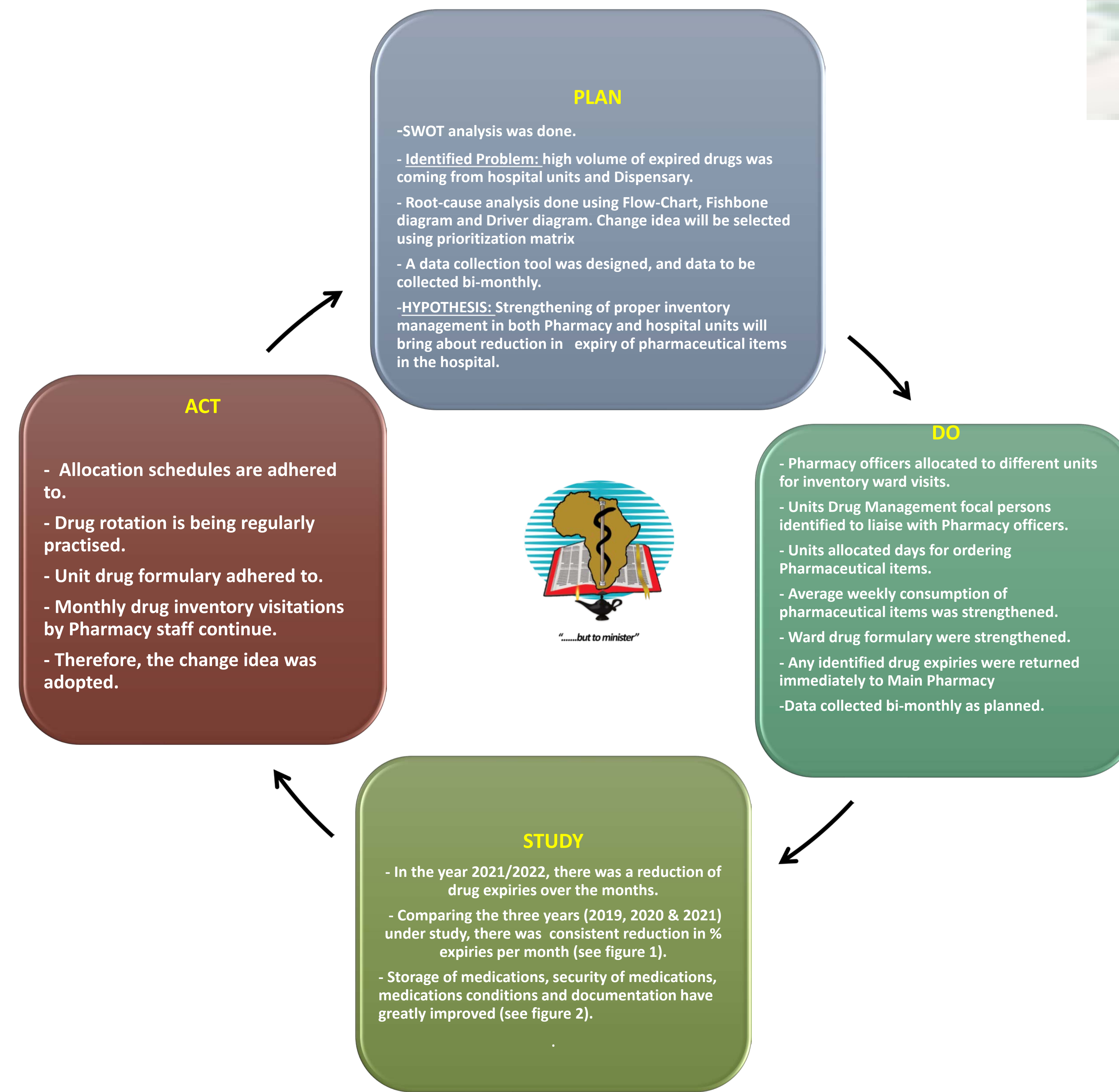
## AIM (TARGET)

To ultimately reduce the numbers, quantities cost and percentage of expired pharmaceutical items to less than 2% in Kanye Adventist Hospital by March 2022.

## GRAPH OR FLOW MAP OF PRESENT STATE



## PLAN, DO, STUDY, ACT CYCLE (PDSA)



## RESULTS

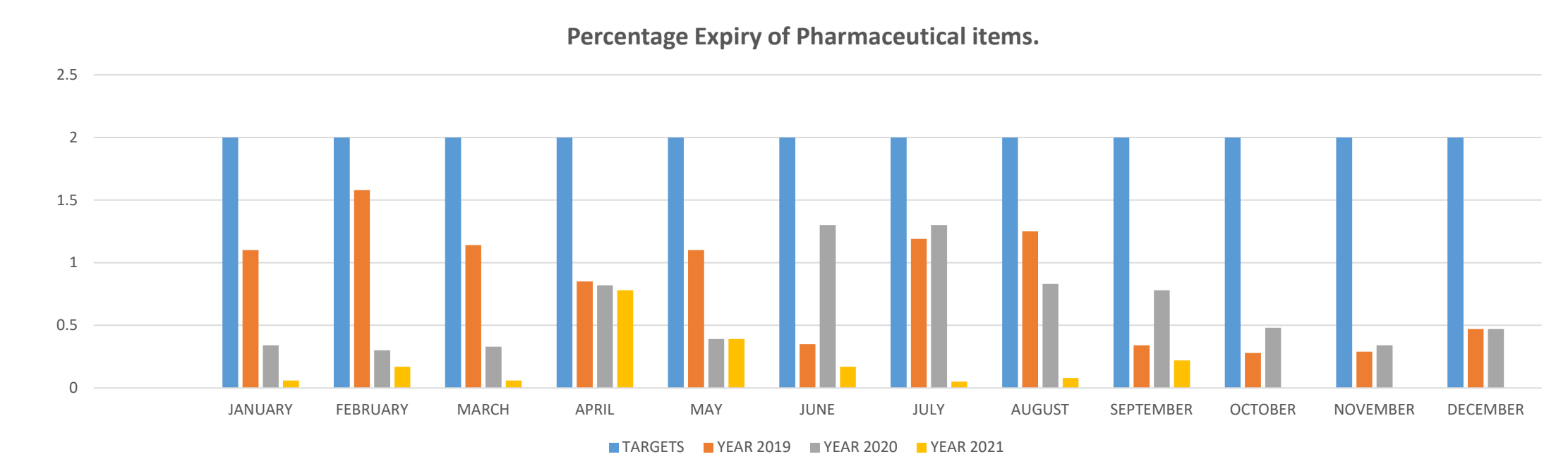


Figure 1 above shows the consistent reduction in drug expiries every month over the three years under study.

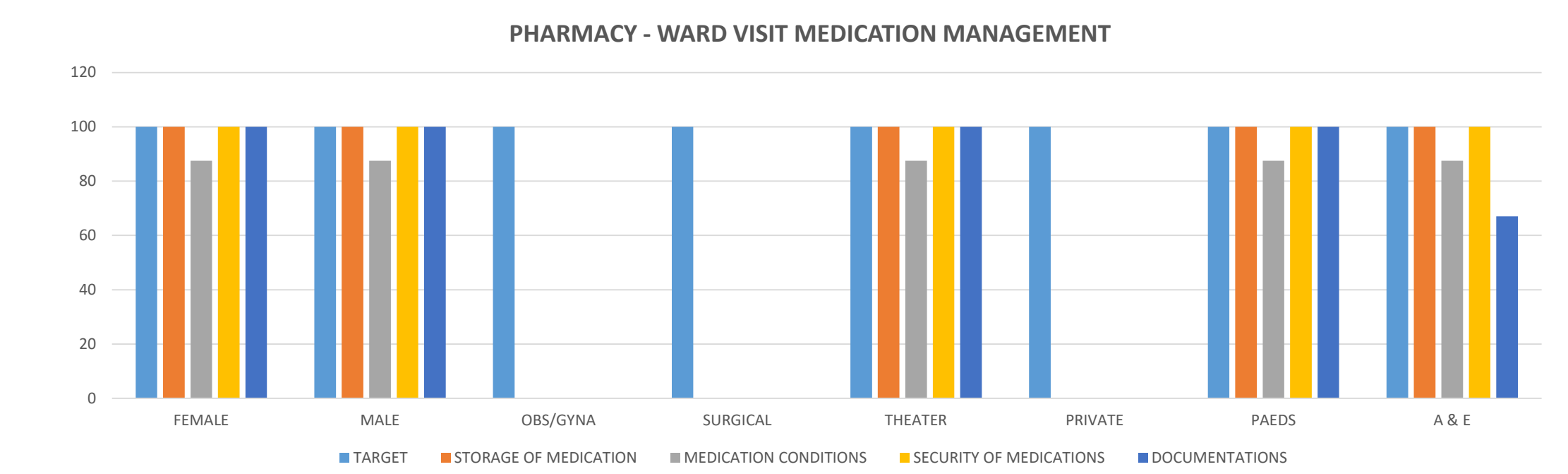


Figure 2 above shows the checklist variables used in wards for drug management.

## SUMMARY

### 1. Lessons Learned.

Shared ownership of drug management strategy which is maintained between the hospital units and pharmacy department has lead to cost reduction.

### 2. Impact on Quality of service.

Drug management in the institution has brought a great improvement drug accessibility hence there improvement in the quality healthcare delivery service.

### 3. Challenges – Structural constraints and inadequate staffing, inadequate pharmaceutical equipment.

## FUTURE STEPS/ WHAT'S NEXT?

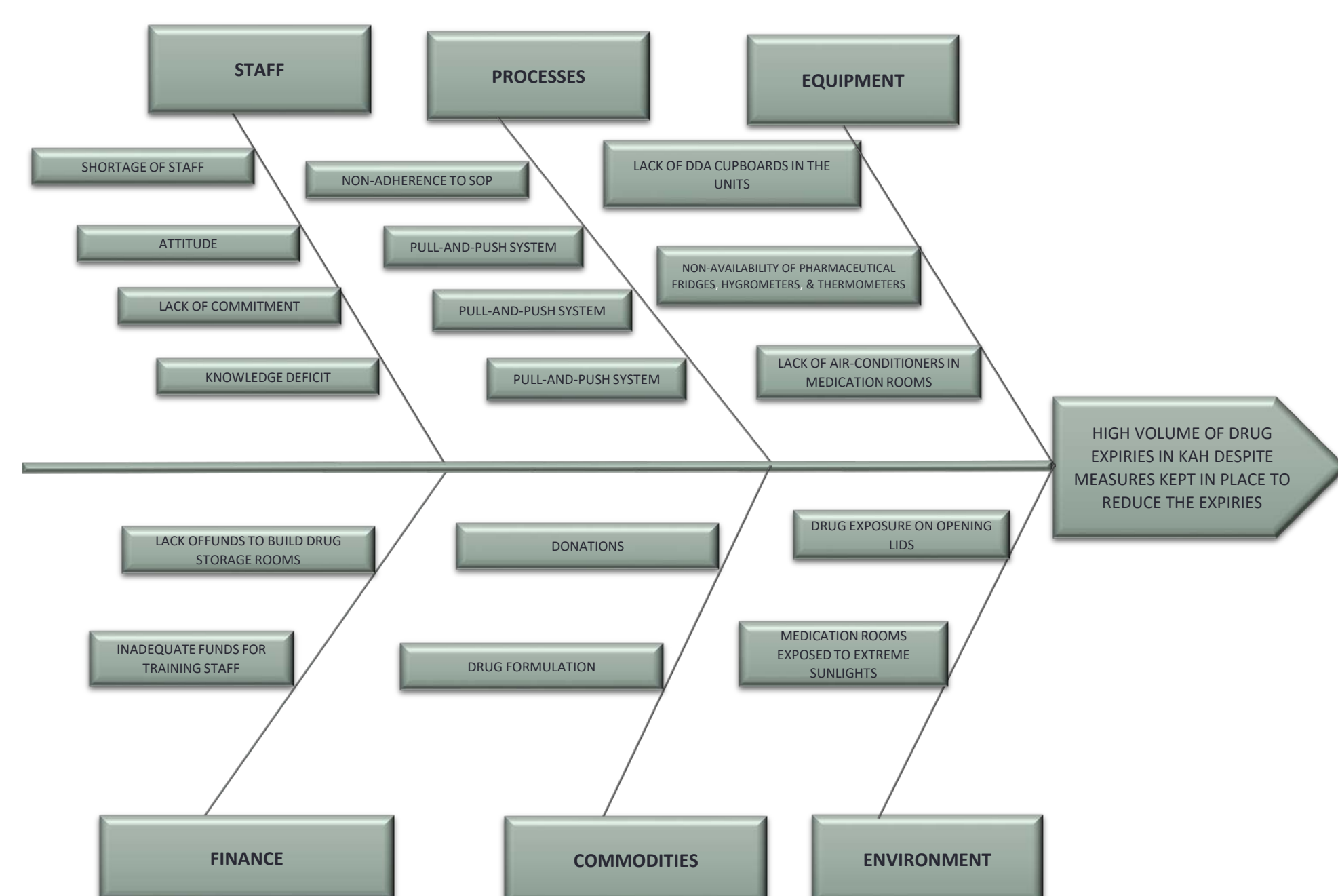
### 1. Way forward.

- As an institution we would like to continue this quality improvement project more so that, it has increased our customer satisfaction index and turn around time.
- We intend to train more personnel on Inventory management to ensure the smooth and consistent running of the unit
- To procure more advanced pharmaceutical equipment
- Intensification of Pharmaceutical officer inventory management visit to the units.

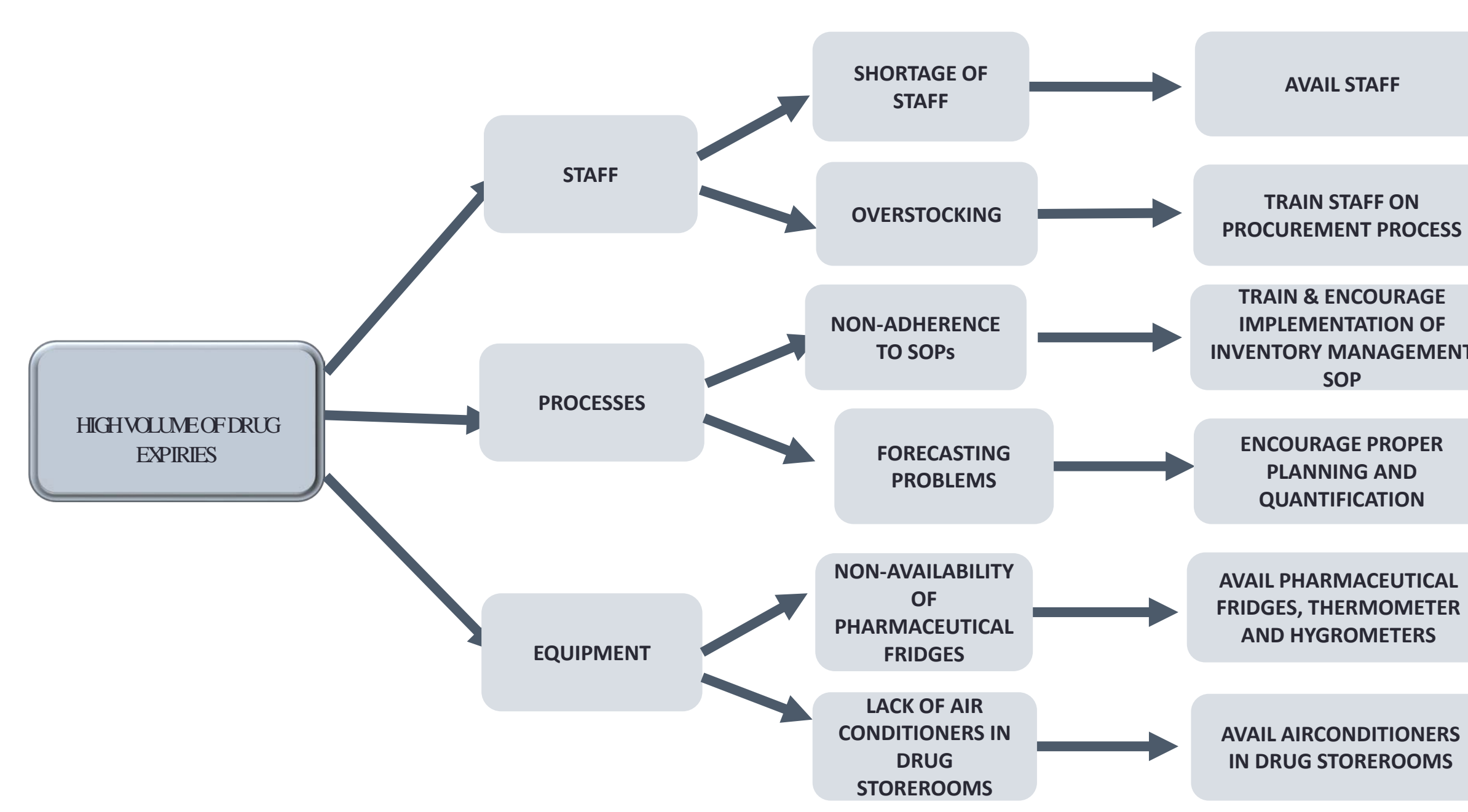
### 2. Commitment.

- We would like to continue with the same project as its successful completion will not only increase our customer satisfaction but also improve the prudent use of financial resources in the hospital.

## FISH BONE DIAGRAM:



## CHANGE IDEA GENERATION



### Appendix 7.0: PRIORITIZATION MATRIX

Note – Rank change ideas based on following criteria:

- Importance Scale 1 – 5: 1 (Least) – 5 (Most) important
- Ease of implementation Scale 1 – 5: 1 (Hardest) – 5 (Easiest) to implement

SER	CHANGE IDEA	IMPORTANCE (1 – 5)	EASE OF IMPLEMENTATION (1 – 5)	COMMENT
A	Avail Staff	5	2	10
B	Train Staff on Procurement Processes	4	5	20
C	Train and encourage implementation of inventory management	5	5	25
D	Encourage staff on proper planning and quantification	4	5	20
E	Avail pharmaceutical fridges, thermometer and hygrometer	5	2	10
F	Avail airconditioners in the drug storerooms	3	2	6

