



Singapore Healthcare Management 2022

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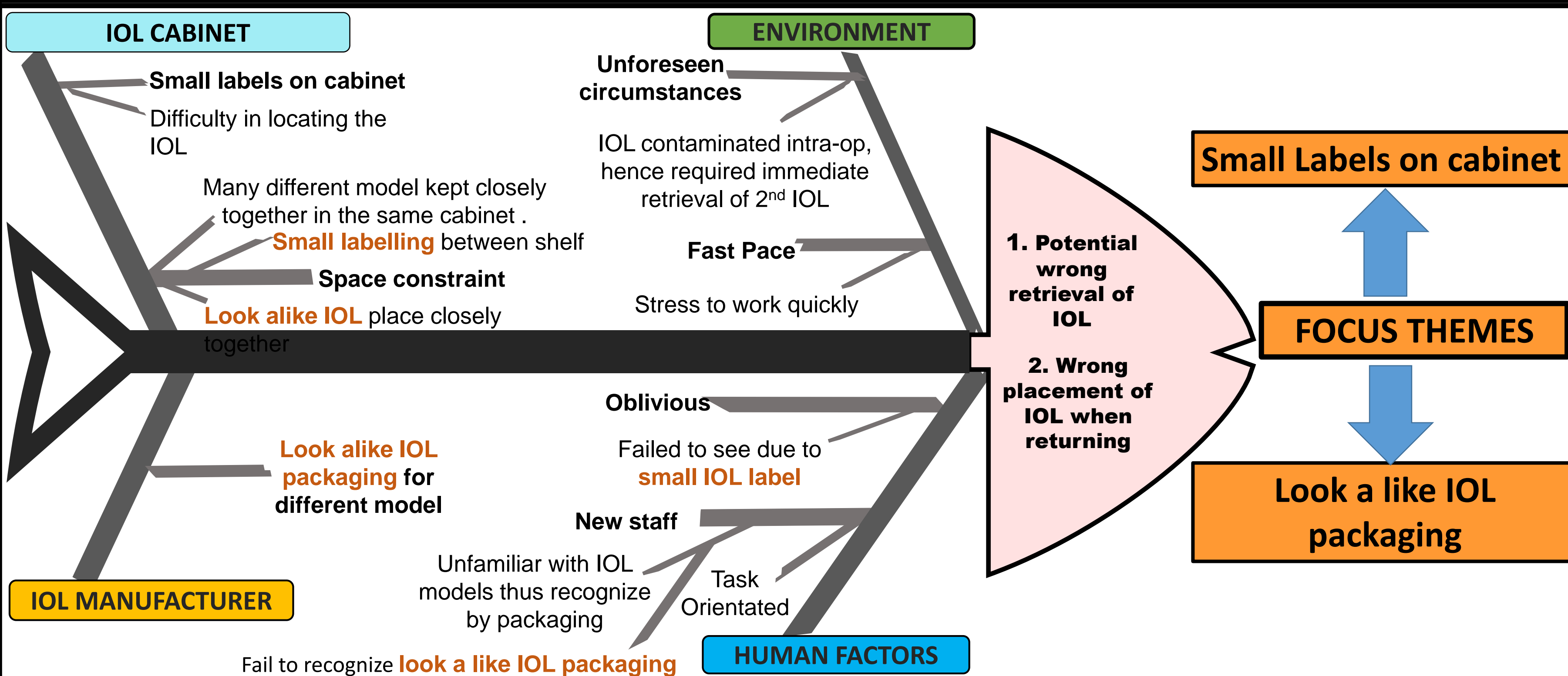


## CREATIVE VISUALIZATION THROUGH COLOUR AND REORGANIZATION

### BACKGROUND

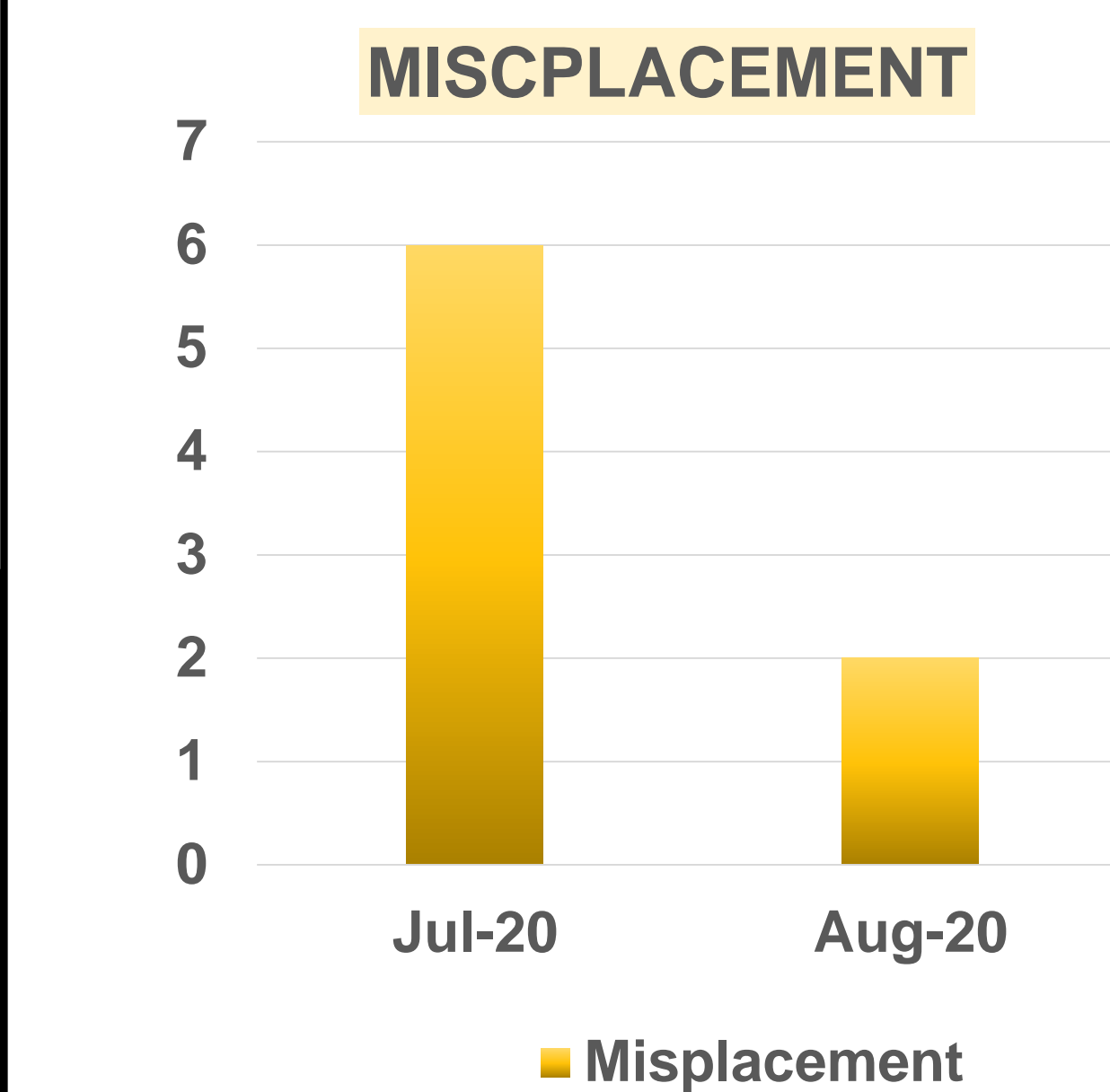
Intraocular Lens (IOL) is a common implant used in SNEC as over 10,000 cataract cases are performed annually. Due to fast-paced environment, staff often misplace IOLs to the wrong shelves when returning especially look alike IOL packaging. This can lead to an increase risk of patient safety if a wrong IOL is being placed back in the wrong shelves and retrieved subsequently for use. Moreover, IOL model labels on the shelves are too small to view from afar. Hence, staff need to spend more time locating the IOL models.

### ROOT CAUSE ANALYSIS

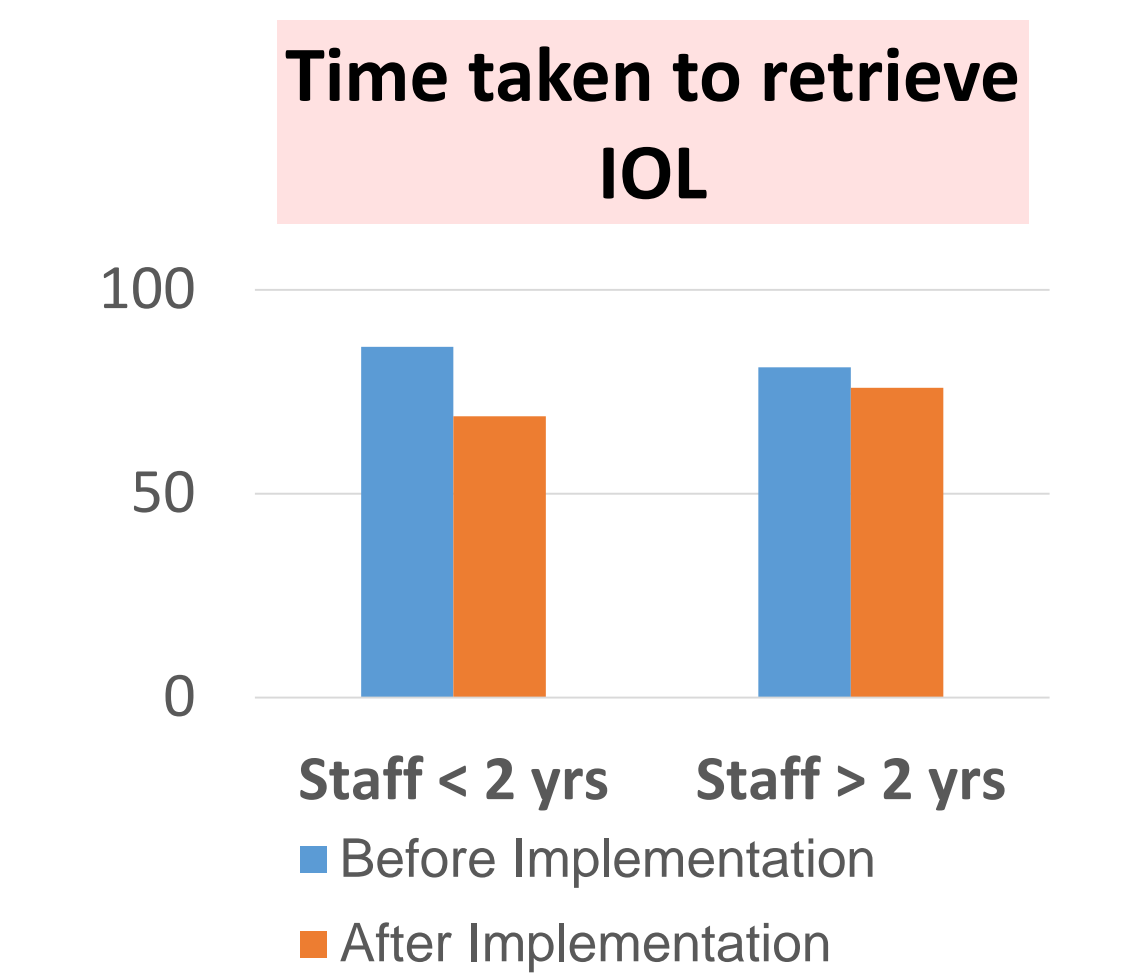


### RESULTS

#### Reduced Errors of Misplacement for 'Look alike' IOL



#### Increased Time Efficiency



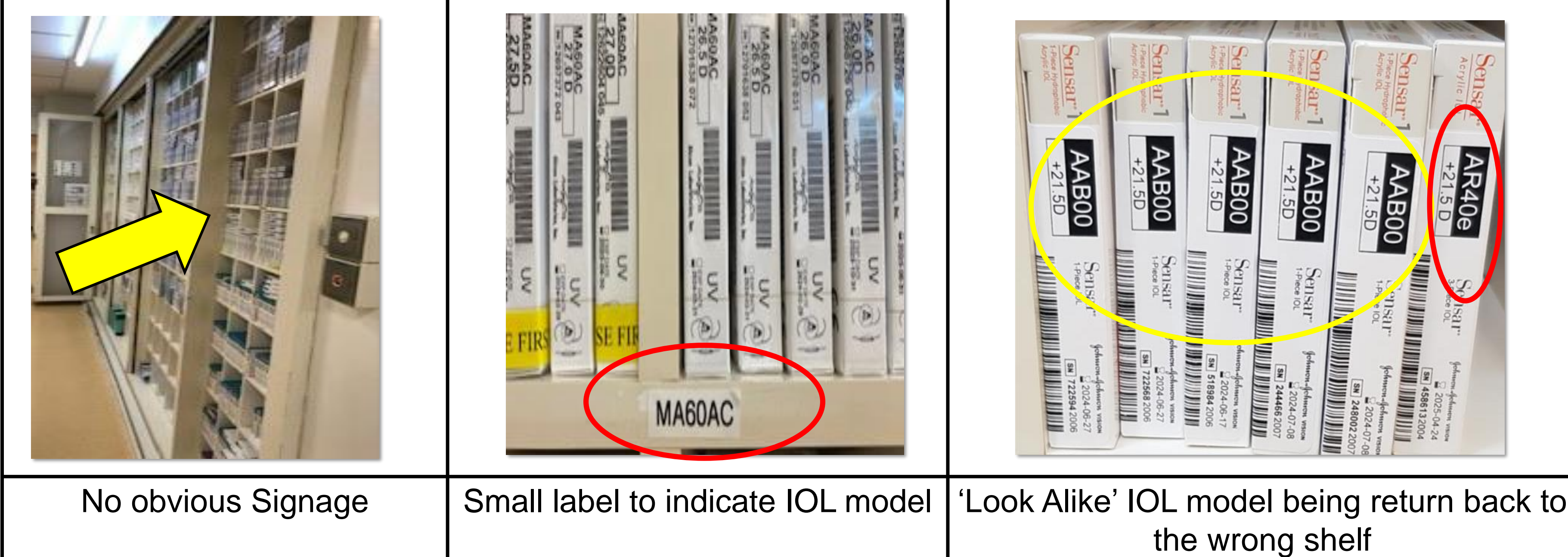
After implementation of the IOL return box within 1 month, there was a decrease in misplacement

Time taken before implementation × 100%  
 Time taken after implementation

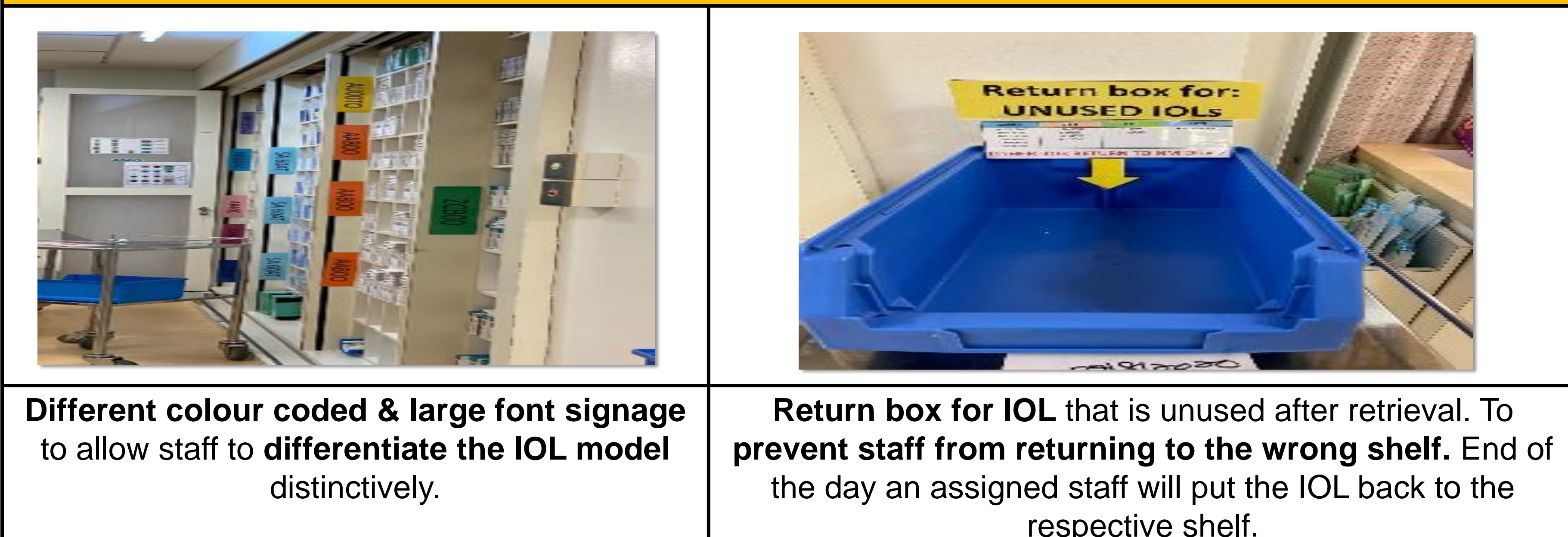
Staff < 2 years	Staff > 2 years
80% time efficiency	93% time efficiency

### INTERVENTIONS

#### BEFORE

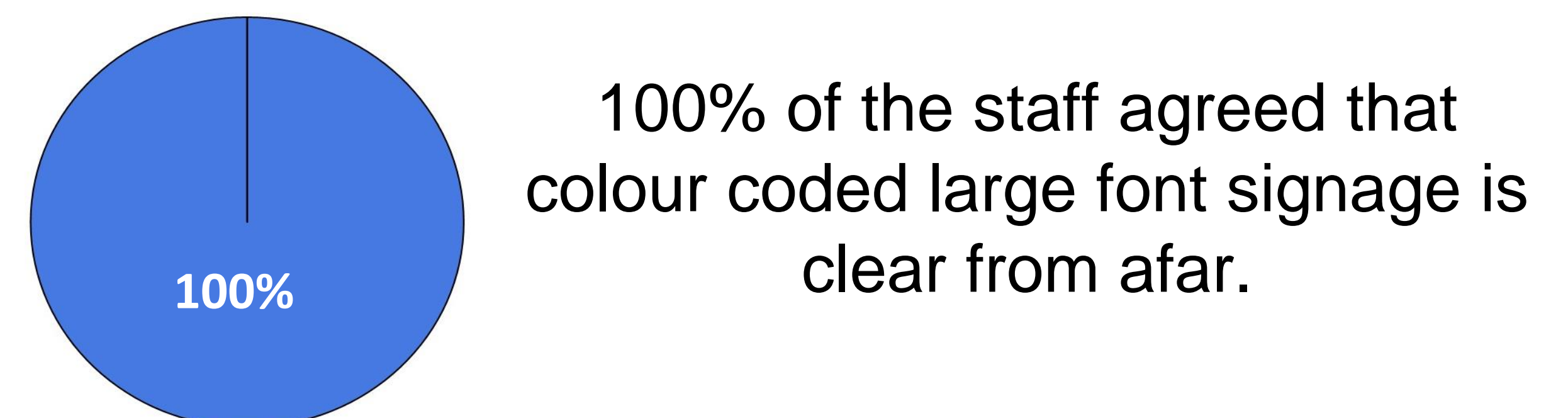


#### AFTER

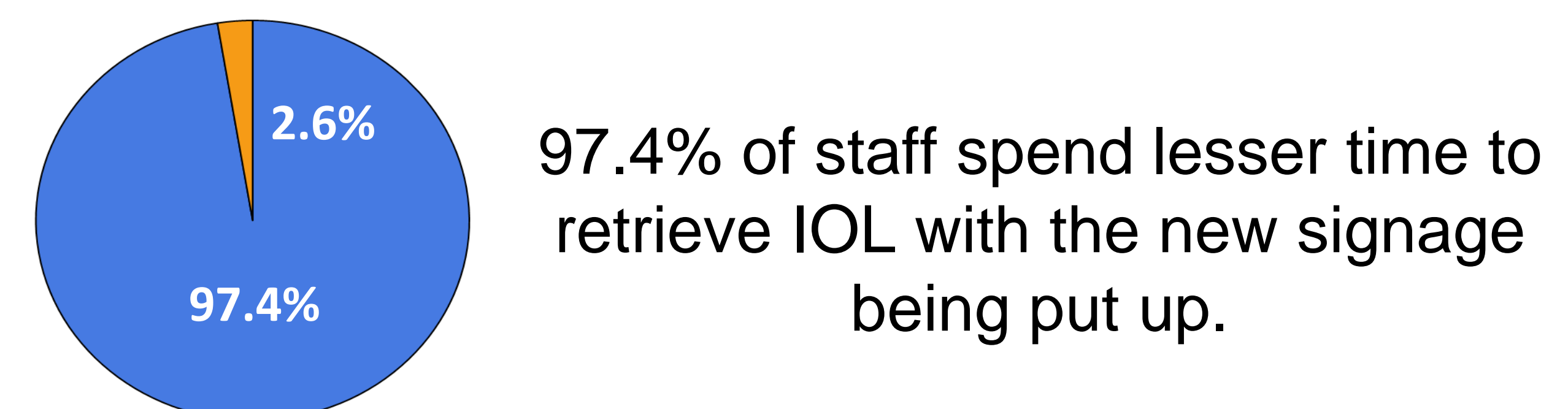


### STAFF SATISFACTION

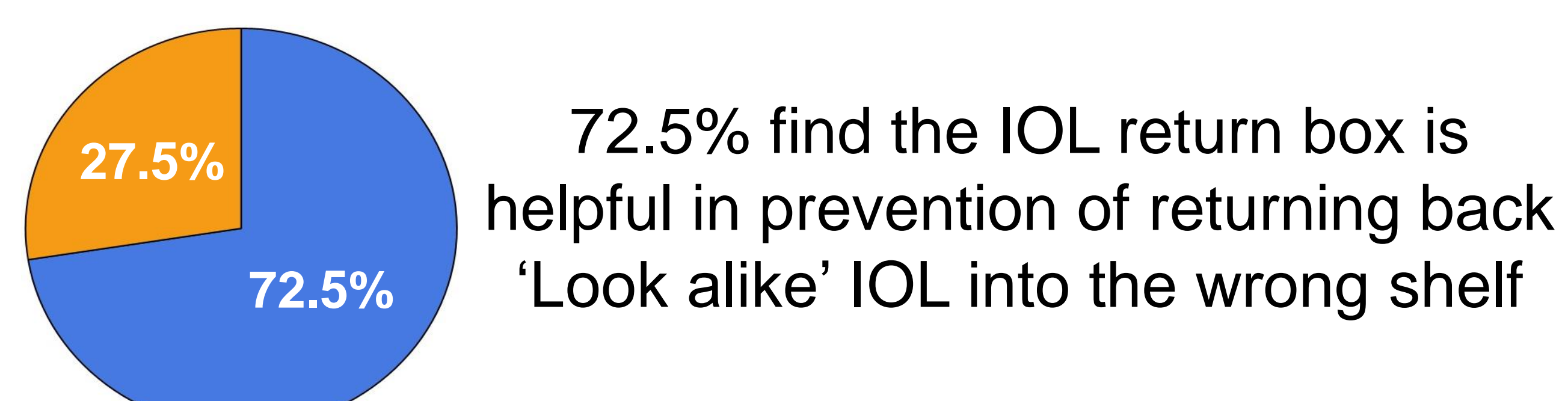
#### Clear Visualization of Signage



#### Time Efficiency



#### Benefit of IOL return box



### CONCLUSION

- This project has **reduced the amount of time taken** to retrieve an IOL especially for new staff and it provides all staff with a **clear visualisation of the IOL models** from a distance.
- The IOL return box initiative which act as a safety net have **reduce the number of IOL** being misplaced into the wrong shelves due to haste hence **improve patient safety**.
- Overall, staff are satisfied with this new initiative however, staff still has a duty **to check the correct IOL model** is being retrieved from the shelves before use.