



太和观 THK



# What is TEMI?

- All-in-one robot assistant
- Autonomous navigation
- Advanced AI
- Smart assistant
- Dynamic video & audio

**CATEGORY**  
 AUTOMATION, IT AND ROBOTICS INNOVATION (AIR)

**ADOPTION**  
 TEMI - ALL IN ONE ROBOT ASSISTANT

**BY**  
 THYE HUA KWAN NURSING HOME

### Summary

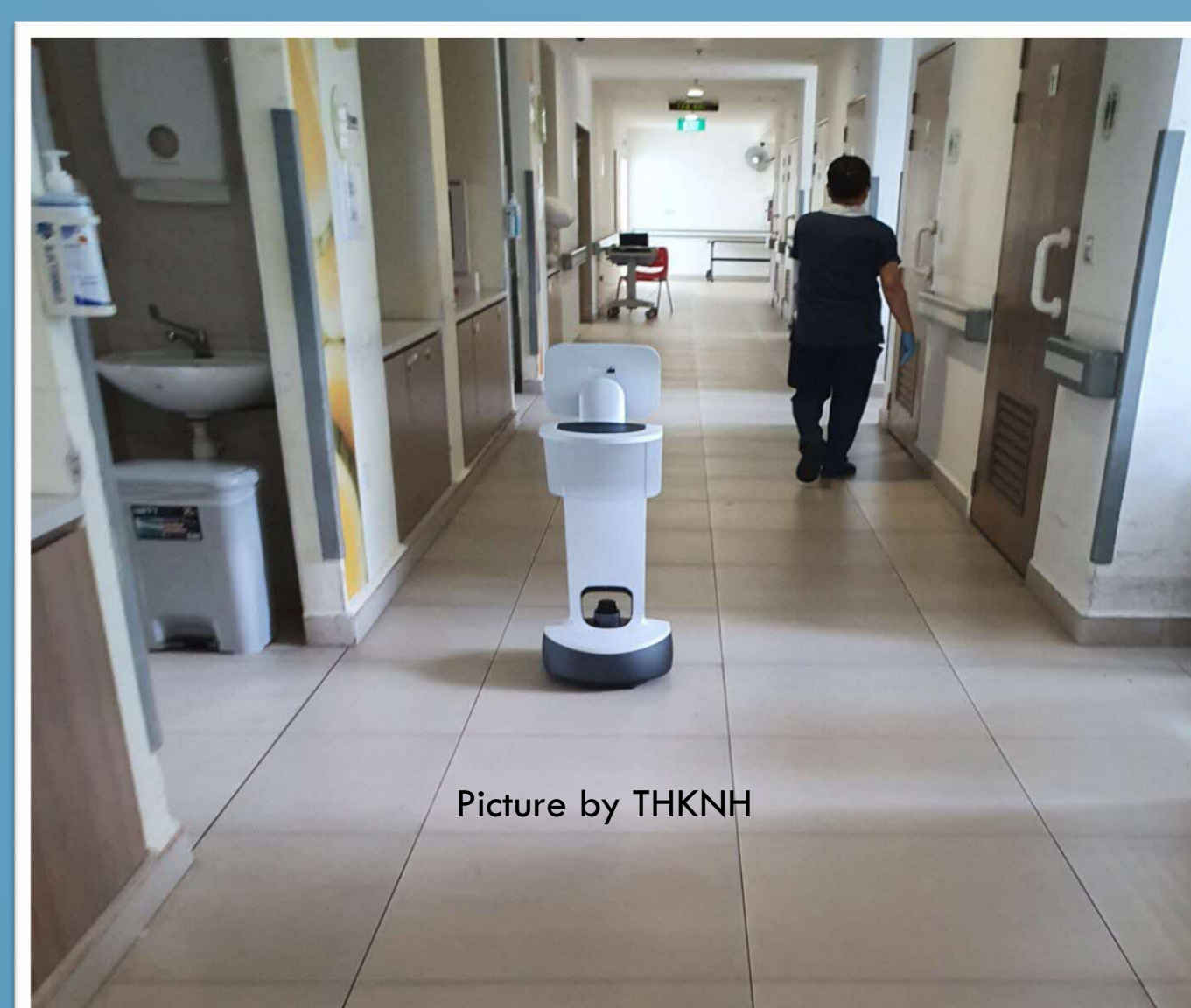
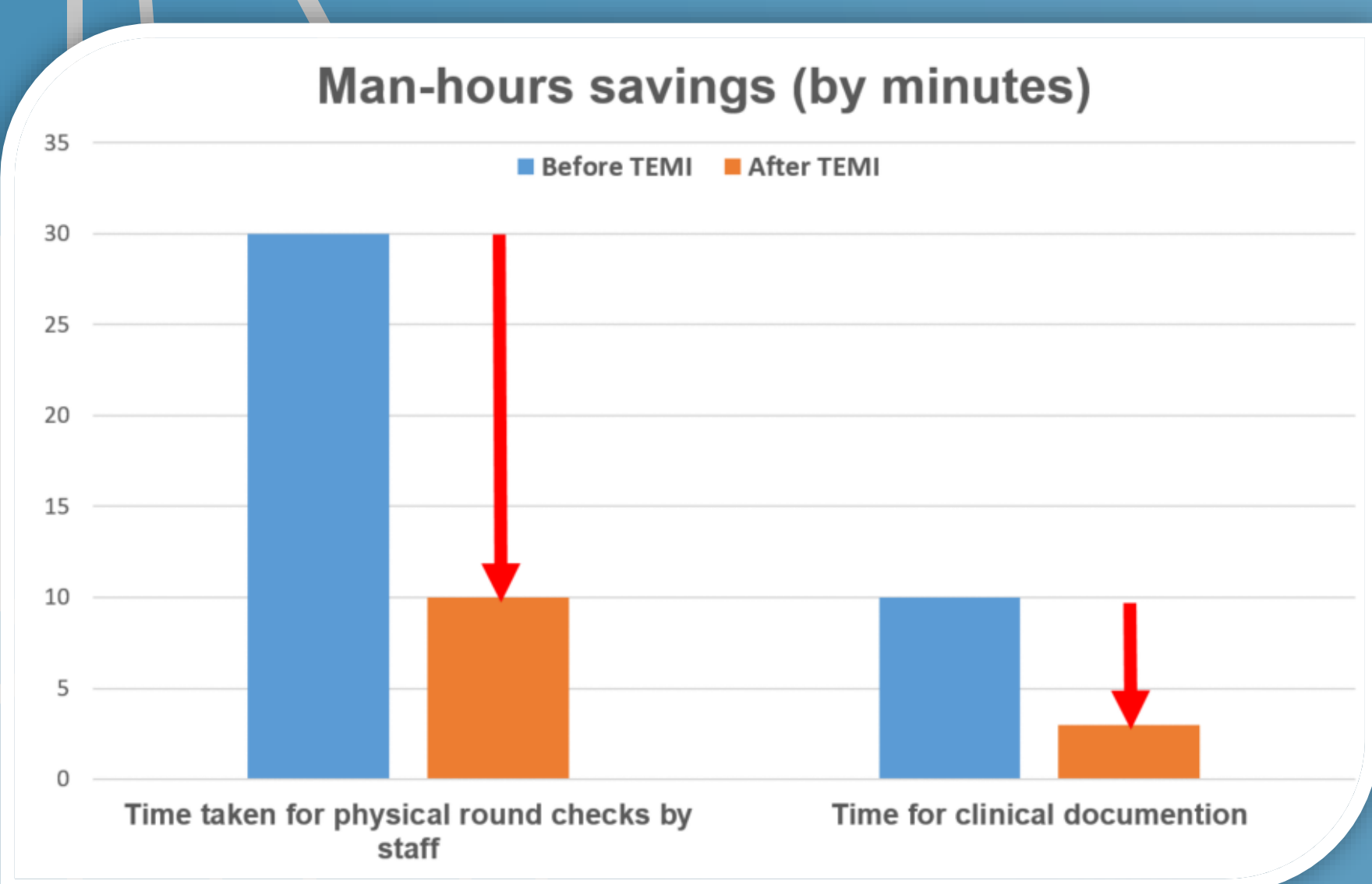
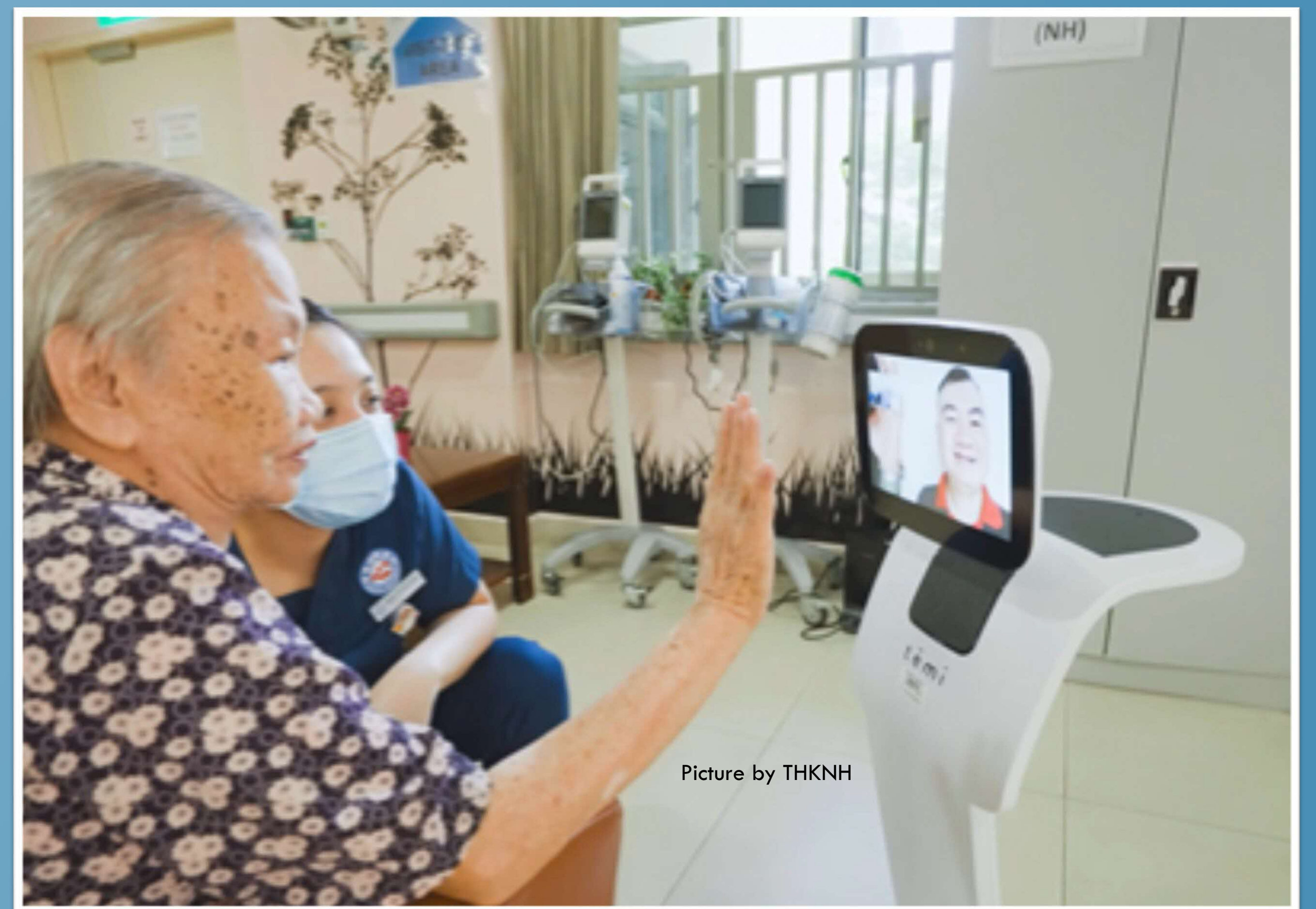
An all-capable robot assistant that can be programmed to automate and augment specific duties of nursing home staff. Besides benefitting the clinical side of house, it also improves residents' living experience.

### Benefits for Organisation

- (i) Improved Staff Productivity
- (ii) Expanded Operational Capabilities, and
- (iii) Enhanced clinical data taxonomy.

### Benefits for Patients

Providing easier access to curated entertainment and social connectivity. 6



## How Technology Helps

How does this technology demonstrate improved productivity and/or effectiveness?

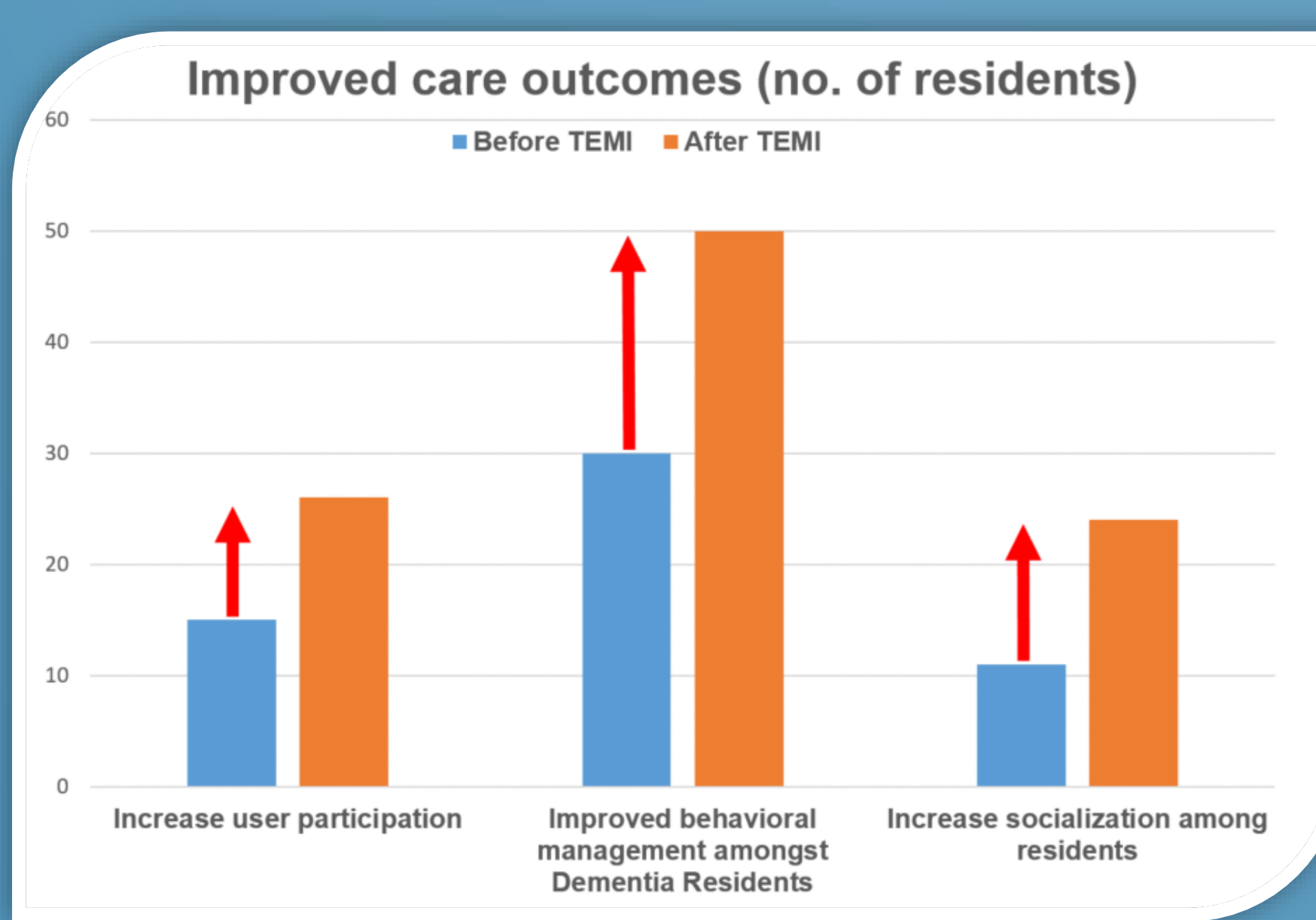
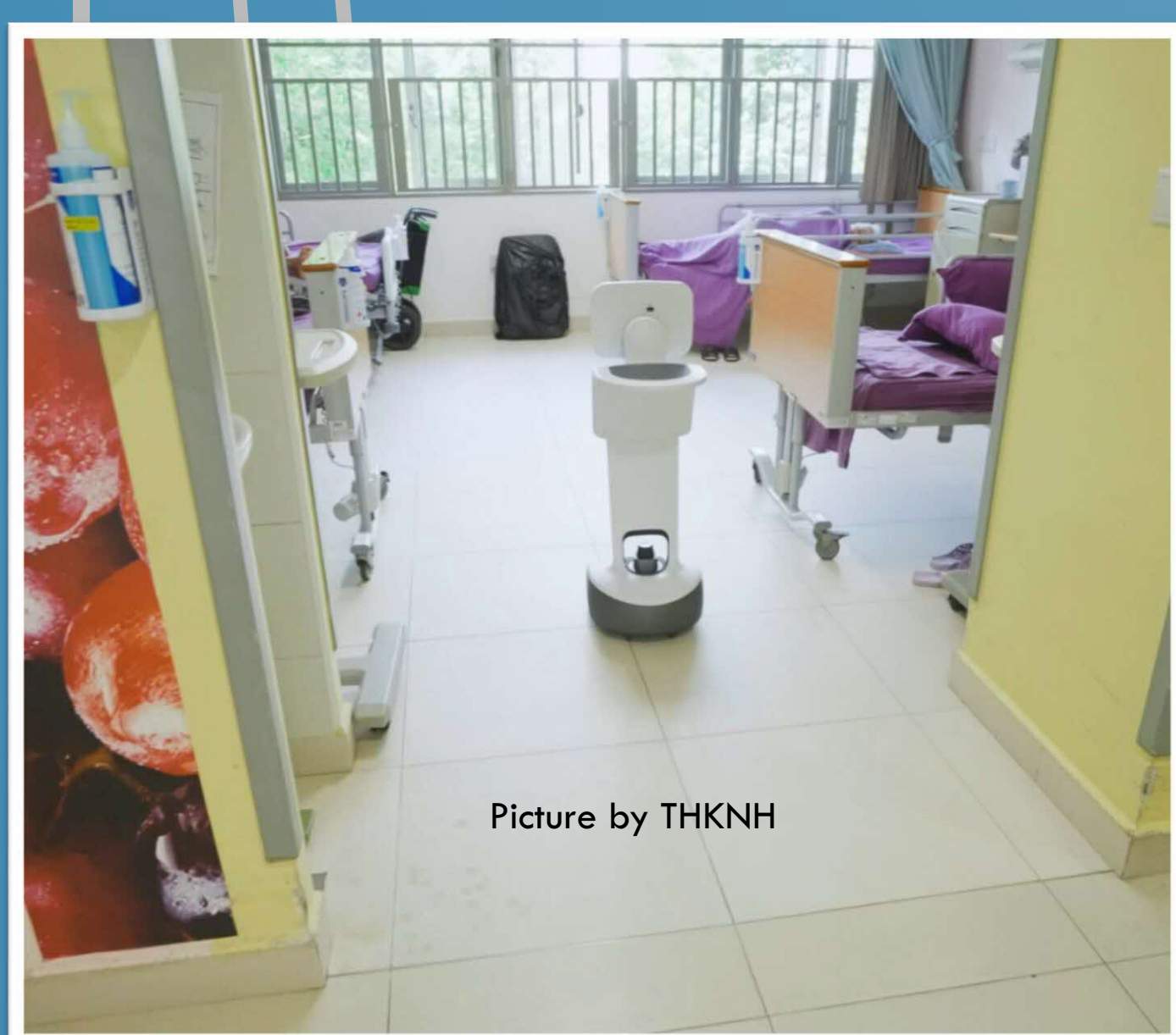
Through automation, the robot self-maps nursing prowling routes and record specific patient health data.

This frees up the nursing staff for other critical duties, and also reduces the possibility of human errors.

The collected data is better stored in a more organised way that facilities easy reviews and updating.

The impact of TEMI to sustain improved care outcomes. Through TEMI, greater resident-participation has been observed. Social networking with family members and volunteers also improved.

During engagement with family members and activity sessions like music therapy that bring about reminiscence, outcomes have shown better management of behaviours amongst dementia residents.



## Future Plans

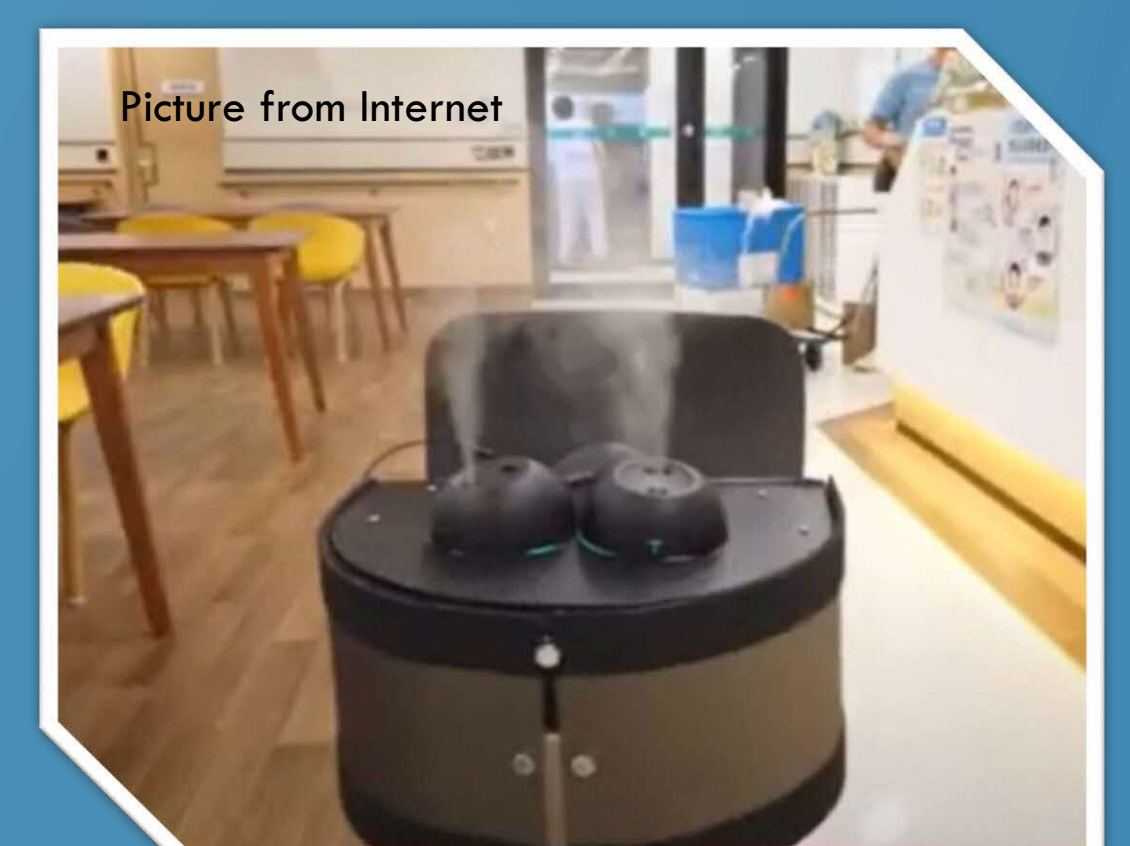
### TEMI Meal Server

To explore adding a suitable tray holder to allow staff to serve meals to our residents. Just by a simple touch on the screen to direct the robot to the specific bed and to return to staff when done.



### TEMI Disinfectant

To explore customizing a disinfectant spray and/or UV rays to complement the disinfection efforts of housekeeper staff, especially in high-risk areas.



### Reference:

<https://www.robotemi.com/wp-content/uploads/2020/11/Personal-robot-low-res.pdf>