

Project Title

Applying 6S Concepts to ICU Corridor, Documentation Drawer and Clean Utility Room

Project Lead and Members

Project Lead: Li Jia Xin

Project Members: Agnes Toh, Khadijah Binte Ahmad

Organisation(s) Involved

Ng Teng Fong General Hospital

Healthcare Family Group(s) Involved in this Project

Nursing

Applicable Specialty or Discipline

Nursing

Aims

- Ensure patient, healthcare professionals and family members to have obstruction free movement along the corrido.
- Ensure paper forms are being top-up timely.
- Reduce the time spend in consumables finding in clean utility room by at least 50%

Background

See poster appended/ below

Methods

See poster appended/ below

Results

See poster appended/ below

Lessons Learnt

Organized workplace not only promote workplace safety but also increases the productivities and time saving during patient care.

Conclusion

See poster appended/ below

Project Category

Care & Process Redesign

Quality Improvement, LEAN Methodology, Job Effectiveness

Productivity, Time Saving

Keywords

6S Methodology - Workplace

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APPLYING 6S CONCEPTS TO ICU CORRIDOR; DOCUMENTATION DRAWER AND CLEAN UTILITY ROOM

- ✓ SAFETY
- ✓ QUALITY
- ✓ PATIENT EXPERIENCE
- ✓ PRODUCTIVITIES

MEMBERS: LI JIA.XIN, AGNES TOH, KHADIJAH BINTE AHMAD

Define Problem, Set Aim

Problem/Opportunity for Improvement

- Computer on wheels (COW) often seen parked along the corridor blocking the smooth movement of patient, healthcare professionals and family members.
- Downtime forms drawer often seen empty
- Observed healthcare professionals struggled to locate consumables in the Clean Utility room.

Aim

- Ensure patient, healthcare professionals and family members to have obstruction free movement along the corrido.
- Ensure paper forms are being top-up timely.
- Reduce the time spend in consumables finding in clean utility room by at least 50%

Methodology: 6S

We applied 6S concepts to create and maintain a safe, high level of productivity and effective working environments.

6S:

- Safety (Make it safe)
- Sort & Scrap (Get rid of what's not needed)
- Straighten (Organize)
- Shin & Service (Clean, maintain & Ambience setting,
- Standardize (Tasks)
- Sustain (Keep it up)



Implement Changes

Corridor:

Before:

- Computer On Wheels (COW) and Ultrasound machines are seen everywhere along the corridor.
- COWs and U/S machines are blocking the entrance and fire extinguisher.
- Safety hazard for staffs and patients



After:

- COWs parking location marketed with yellow taps.
- Corridors are tidier and safer for staff and patient movement.



Clean Utility Room

Before:

Items are in the basket, difficult for the user to locate the right item



After:

Picture of the items are being pasted outside the basket.



Analyse Problem

- COWs and unuse ultrasound machines seen parking at the corridor blocking patients, healthcare professionals and family members movement in the unit, it become the fall hazards/ obstacles in the workplace.
- Paper form drawers are seen empty and not top-up regularly, it take longer time for the next user to find alternate solutions.
- New and deployed nursers take longer time to find consumables in the Clean Utility Room.

Implement Changes

Downtime Form Drawer:

Before:

- Paper document drawer left empty, and forms being left on table.

After:

- Then Last piece warning sign created for the drawer



Spread Changes, Learning Points

What are/were the strategies to spread change after implementation?

Use of 6s audit checklist to sustain changes.

Conduct roll call to spread the changes, encourage/ emphases on the right practices, and ensure the sure it last every time.

What are the key learnings from this project?

Organized workplace not only promote workplace safety but also increases the productivities and time saving during patient care.