Ruttonjee and Tang Shiu Kin Hospital
Cardiac and Intensive Care Unit
Content

- What we used to DO
- Local Data
- Possible solutions
- Method
- Difficulties
- Effectiveness
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What we used to DO

- **Environmental**
  - Curtain rails fixed at 103"

- **Operational**
  - Changed bi-weekly
  - After infectious cases

- **Risk of fall from height**
  - 6 feet high ladder
  - 20 minutes
  - Heavy

- **Manpower constraint**
  - Work in pair
  - Assistances required
• Two workers needed work together
• Stand on a ladder 36” above the ground.
Why do we need a CHANGE?
Local Data (Labour Dept)

- 33,156 case in 2012
- 0 – 7 work day lost

(Labour Department Annual Report 2013)
LD & OSHC

- 43 Fatal accident (2000-2013)
- 20% - ladders
- 1/3 – less than 3 metres
Mr Cheuk said, even a few feet above the ground can be dangerous. "If they fall from even a few metres, or safety
Local Data (HA)

Risk assessment has been standardized on high-risk MHO tasks. Incidence of all and fall injuries is minimized through a falls management program.

(HA Quality and Risk Management Annual Report 2013-2014)
Possible solutions

A. Lowers the curtain rail

B. Adjusts the length of the curtain
Process

Plan ➔ Do ➔ Check ➔ Act ➔ Plan
Methods (Plan)

- Infection control guidelines reviewed
- Determine the required height of curtains
- Fire proof fabric
Methods (Do)

- Collaborate with linen department
- Modified new curtain
- “Easy Buttons”
Methods (Check)

- Detachable and Easily changed
- **Lower part** is changed **weekly**
- **Upper part** is changed **every 3 months**
Methods (Act)

- Tall ladder → 2 Step ladder
- One staff is required only
- Training program
- Ongoing evaluation
- 2 Steps
- 18” from the ground
- Safety Bar
Only one healthcare worker needed
Only 18” from the ground
Effectiveness of the Half-length Curtain

- Use of the 6 feet high ladder per year
  - $52 > 4$
  - Reduces IOD of fall
- Saves manpower
  - 2 staff > 1 staff
- Positive staff survey
Staff Survey

- Risk of Fall
- OSH Risk
- Manpower Consuming
- New Ladder purchased
- Use of new ladder
- Minimize risk of fall
- Manage the procedure
- Improve OSH
- Preserve Manpower
- Solving Problem

Questions

Percentage

No
Yes
Most of the staff agree that …

- Standing on tall ladder is a risk of fall
- New curtains → minimize risk of fall
- Improve occupational safety
- Preserving manpower
Feedback from Healthcare staff
Creativity and innovation

Simple idea
Solves occupational risk

Improvement of service quality and workflow
Minimize risk of fall

Feasibility of implementation and sustainability
Simple Tool

Contribution to achievement of VMV of HA
Teamwork

Contribution
~The end~
~Thank you~