



Service Priorities and Programmes Electronic Presentations

Convention ID: 434

Submitting author: Mr Sik Ngai LEE

Post title: Advanced Practice Nurse, Pok Oi Hospital, NTWC

Save The Environment = Productivity enhancement – a pilot program implemented in POHAED

*Lee SN(1), Duncan Ho(1), Helen Leung(1), KL Yeung(1), Simon Tang(1), KL Ong(1), CC Chan(1) Pok Oi Hospital Accident & Emergency Department
Pok Oi Hospital Accident & Emergency Department*

Keywords:

save the environment
productivity enhancement
resources management

Introduction

In view of staff reflect the existing use of folding paper hand towel (Brand A) is inconvenient and not user-friendly, a serial of situation is found after investigation and observation, and the details are concluded as below: 1) The outlet of paper hand towel delivery box is frequently stuffed and made it difficult to pull out (fig. 1) 2) Waste of paper hand towel due to forcefully pulled out (fig. 2) 3) The texture of the paper hand towel is rough and not absorbable 4) Each staff at least use of 3-4 paper hand towels after handwashing We explore that there is another option of rolling paper hand towel (Brand B, Fig. 3) to be chose. It seems to be convenient and economical because 1) No stuffed of paper hand towel in outlet 2) Only one paper hand towel will be pulled out no matter how forcefully used 3) The texture of the paper hand towel is smooth and absorbable 4) Each staff only use 1-2 paper hand towels after handwashing However, there is a great different between the prices of each Brand A & B paper hand towel. The former is about \$0.024/each and the latter is \$0.071/each respectively. It seems the price can determine which type of paper hand towel to be used in department. Therefore, a pilot study is carried out to investigate the consuming situation of these 2 types of paper hand towel. Finally, recommendation would be given which type of paper hand towel should be used based on the reason of environmental- friendly and cost or time saving.

Objectives

1) To explore Brand A & B paper hand towel consuming situation 2) Recommendation given to department upon the selection of paper hand towel 3) Be environmental-friendly user

Methodology

By adopting the Six Step Problem Solving Discipline Approach, the task group identifies the weight of each pack of Brand A & B paper hand towel first. The quantity of the former is 250 pieces / pack with 540gm and the latter is 600 pieces/ pack with 1800 gm (after deduction its paper roll weight). After studying all necessary items, a unique paper hand towel consumption program is formulated and implemented in

June 2012. Two high frequency used of paper hand towel identical area are selected from AED & EMW respectively.

Result

The result (fig.4) reflects that: 1) The use of Brand B paper hand towel is more economical and environmental-friendly 2) The target of manpower saving in refilled and garbage management is reached Although the cost saving is only 3%-4.5%, a significant time and paper hand towel saving is up to 50% and 67.5% respectively. Our team highly recommends using the Brand B paper hand towel or even in other departments of hospital.