

# Introduction

To Go Green by not printing BCLS/ Heartsavers certificates for KKH staff

# Method

In order to reduce wastage, several solutions were explored and implemented over a trial period of three months each.

# Background

Solution 1 Human Resource Talent Development (HRTD) personnel would prepare the

The administrative staff who collates the nominations would forward the

BCLS/ Heartsavers certificates for staff who had successfully completed Attendance Lists to HRTD personnel to preprint and laminate certificates for BCLS/ Heartsavers training. The certificates would require participants' all participants. The prepared certificates would be sent to Life Support particulars to be printed onto custom perforated paper print templates. Training Centre (LSTC) and only issued to participants who completed the The printed certificates would be torn into individual pieces and laminated course successfully. There was wastage when participants did not pass their using thermal laminator. The prepared certificates were scanned, competency assessments or did not turn up for training. photocopied and stored in HRTD department. Once a month, HRTD personnel would disseminate emails to Head of Departments/ supervisors

to inform their staff to collect the certificates on a designated date, time Solution 2

After a period of three months, the second solution was implemented. and venue. On the day of collection, HRTD personnel would walk over from HRTD personnel would walk over to LSTC to collect the attendance list to their office at a different vicinity to station in a designated office at KKH for two hours waiting for staff to collect their certificates. Certificates that prepare the certificates. Participants who had successfully completed the were collected would require a photocopy to be endorsed by the training would go to Human Resource (HR) Department to collect their certificates. In this option, there were participants who did not collect their supervisor and filed into their personal file. Large number of certificates certificates. There was still wastage when participants did not pass their were not collected which result in wastage of prepared certificates as well competency assessments or did not collect their certificates. as staff's personal files were not updated. Prior to audit dates, staff would call HRTD personnel for their certificates.

#### Table 1: Time taken to prepare certificates

10 classes/ month over 11 months/ year	Time taken to prepare 18 certificates per class	Total time taken

#### Solution 3

To review the wastage of prepared certificates, the nursing team discussed further with HRTD team on possible solution. The solution was to enter all training records into HRIS system which are accessible by KKH staff when they access People Connexion. This last option of going online was implemented on 1/4/2016. Attendance lists were sent to HRTD to verify non KKH staff and certificates were printed for this group. Since implementation, there was no wastage as compared to previous two solutions. Besides being able to check their own status online via People Connexion, HR personnel would also disseminate staff BCLS/ Heartsavers status to supervisors via email twice a year.

110 classes	3 hours	330 hours (41 days)

Time taken to prepare one certificate is 10 minutes

**Solution 1** 

## Results

Number of certificates wasted, the cost of certificate paper and laminating sheet as well as number of man hours required to prepare the certificates are indicated below:

- Collection of certificates on a scheduled date once a month
- Wastage: 150 certificates (15 sheets of certificate paper and laminating sheet)
- Cost of wastage: \$11.25 Original
- Man Hours required to prepare certificates: 25 Hours Practice
  - Collection of certificates at end of training
  - Wastage: 79 certificates (8 sheets of certificate paper and laminating sheet)
  - Cost of wastage: \$6.00
  - Man Hours required to prepare certificates: 13 Hours 10 minutes



## Conclusion

This go green initiative enabled the hospital to save cost as well as man hours in preparing certificates for participants. The HRTD personnel can utilise the time spent more productively to perform other duties.