

Supplies and Facilities

SC2 Paper No. : A122

Trigger

- 22.2.2003
- 10.3.2003

Decision

- 24.3.2003 Direct urgent purchase
- 29.3.2003 BSS Sub-Command Centre

PPE Standards

- | | |
|------|-------------------------|
| 21.2 | Droplet |
| 17.3 | Aerosol |
| 24.3 | Risk stratified |
| 26.3 | Fomites |
| 01.4 | Mucus membranes |
| 08.4 | Soiling |
| 17.4 | Oral fecal |
| 09.5 | Staff rational decision |
| 15.5 | Fit test |



Strength & weakness

Down : Overcrowded population
 Crowded wards

Up : Cluster
 Computer




Structure - change

PS BSS
FM → FM
BSS Investigation
 General support



BSS - Process

Sourcing	√	X
Initial stock	X	X
Monitoring	√	√
Redistribution	√	√
Additional items	√	√
Adjustments	√	√
Audit		

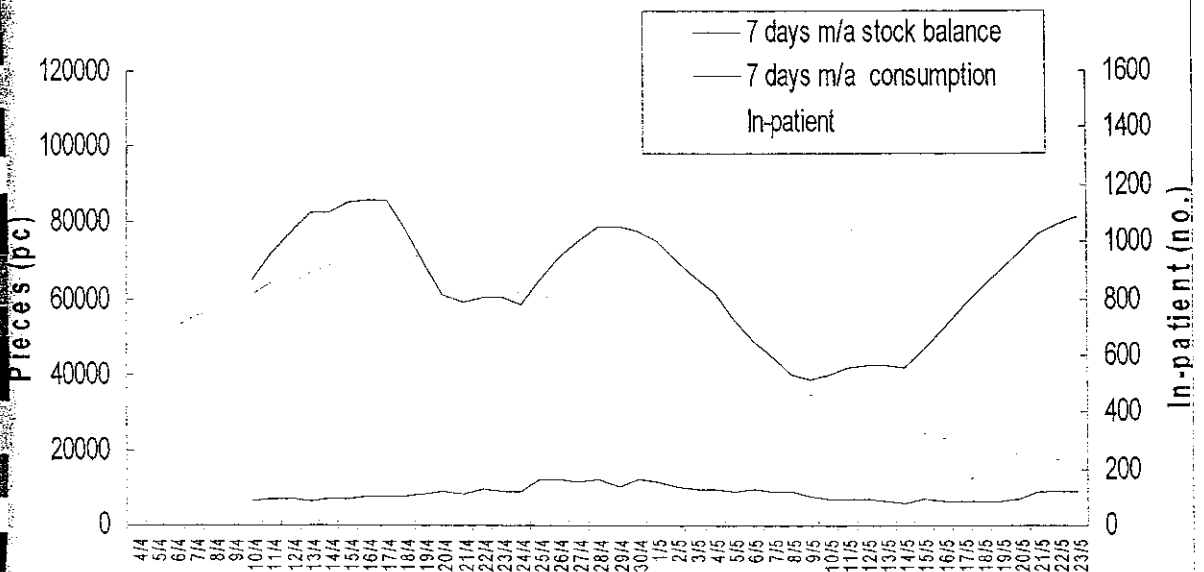


BSS-Scope

PPE
Equipment & X-ray
Beds & furniture
Laundry & linen
Donation
Waste management
Transport

Items	Commencement of central purchase
Mask & Gown	4 th week March 03
3M Air-mate PAPR Ventilator Physiologic Monitor Eye & Face Shields Goggles	1 st week April 03
Tyvek Barrier Man Coverall Mobile X-Ray Machine Pulse Oximeter Infusion Pump Stryker T4 Helmet Bacteria Filter	2 nd week April 03
N100 respirator	4 th week April 03

N95-Small Supply vs Consumption



FM-process

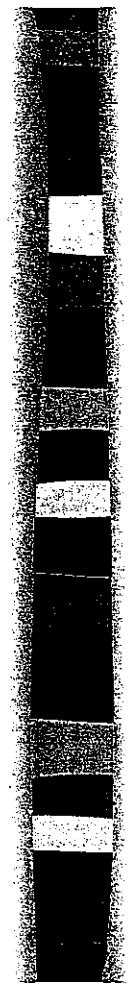
Ventilation & negative pressure modifications	226 wards 13 OTs
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Partitions & doors

Quarters improvement

Showers

- Negative pressure conversion & verification work for Caesarean Section at PMH completed within a few hours of the operation on 1.4.2003.
- Exhaust fans with half day's notice to Blocks A, B, C, D, E & F of PMH for 24 wards within 3 days from 29.3 to 31.3.2003.
- Partition walls & exhaust fans at wards 3H of NDH completed overnight on 8.4.2003.
- Improvement within half day's notice at Ward E1 on 21.4.2003.



Supply

Production

No. of stations

Waste

Improvement



Central

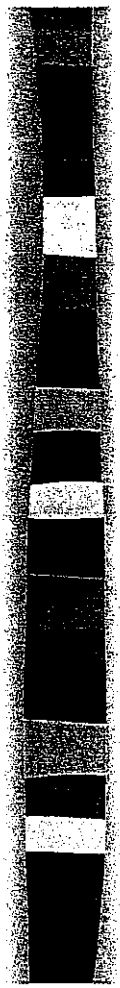
Evaluation of new products

Contracts

Estimates

Delivery information

Quality Control



Wards

- Standards and implementation
- Initial stock
- Orders
- Stock received
- Stock distributed to users
- Stock level at end of day



- Additional request
- Adjustment
- Alteration
- Details of any stock out period
- Details of any returned items
- Details of deviation from distribution policies

Communication

Within system :

HAHO Clusters

Cluster Hospitals

Hospital Wards

Wards staff

Feed back to HAHO

	HKW	HKE	KW	KC	KE	NTW	NTE
Communication between supplies and users	SARS task force meetings	Regular GM(N) visits	Regular Supplies phone calls	-	-		PPE coordinators meeting
	DOM Meetings	DOM Meetings	DOM Meetings	Meeting all ward managers in rotation	Ward manager coordinator meetings	-	-
	Strong IC Team	-	-	Request form adjustment	Request form adjustment	Request form adjustment	Request form adjustment
Monitoring data	-	ICS data sharing	ICS data sharing	League table data sharing	Spread sheet on own data sharing	-	-
Monitoring key person	Ward managers	Ward managers	Ward managers	Ward managers	Ward managers	Ward managers	Ward manager meeting
Assessment of need	Policy User No. Consumption pattern	Policy User No. Consumption pattern	Policy User No. Consumption pattern	Policy User No. Consumption pattern	Policy Zone User No. Consumption pattern	Policy User No. Consumption pattern	Policy User No. Consumption pattern



With Staff :

Guidelines HA

Battling SARS Update

Data

vs

WHO, CDC

Fear


Mass media

'Seeing'

Supply

With Public :

PA



Experience gained

N 95 production in China

Better PPE material & design

Quick & effective communication to
worried or stressful staff

Looking forward

Prototype for sterilizing PPE

Prototype for cleansing/purifying air

Better PPE

Mock-up study for ward ventilation

OSH officer with enhanced role, power &
skill

Items	Orders placed from mid March to end May 2003	Orders committed to be placed form June to August 2003
PPEs	\$98.5M	\$67.0M
Drugs	\$18.1M	\$1.0M
Medical Equipment	\$70.2M	\$2.1M
Total :	\$186.8M	\$70.1M