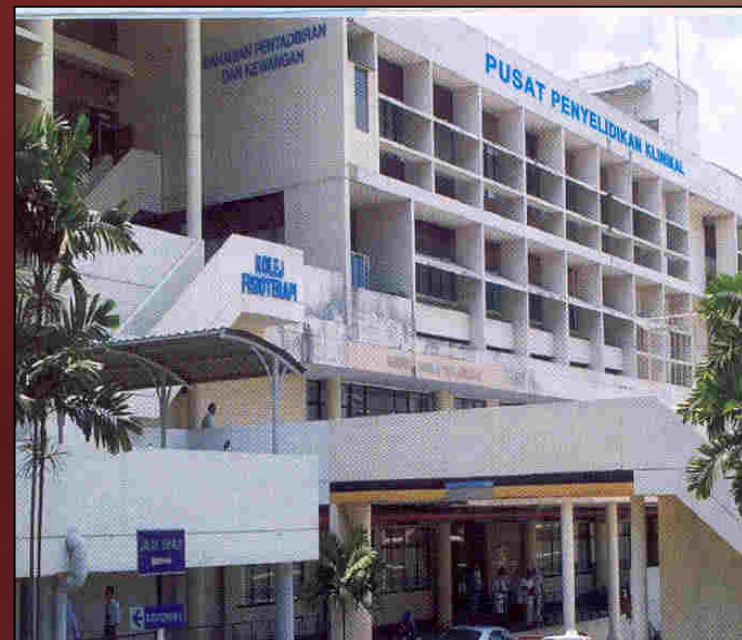


Wan Muji binti Wan Ngah
SRN, SCM , Wd.Mx., CSSU Tech.

President
Malaysian Sterile Service Association (MSSA)
3rd May 2007

Processing of Medical Products in Malaysia

Hospital Kuala Lumpur



Population Of Malaysia

- 26 million
- Temperature 25° c to 38° c
- Humidity 30% to 80%



Number of Hospitals

- Public 135
 - tertiary
 - transplant
 - general surgery
 - vascular
 - orthopedic
- Private 232
 - certain class of people
 - panel Doctors

History of sterilization in Malaysia

- 1950's boiling method
- 1960's washing and packing at respective unit
- 1970's centralize reprocessing of medical devices

History of Sterilization

- New and update washer disinfector
- Standard work area
- Computerized system
- From the unknown to known



Policy and Procedures

- Collection of reusable items

- ➡ Porter
- ➡ Counter

- Decontamination

- ➡ Cleaning
- ➡ Mechanical
- ➡ Manual
- ➡ Rinse at user units



Policy and Procedures

Packaging

- Non Woven Material
- Sterilization bags
- Reels and pouches
- Rigid container
- Linen - minimal



Sterilization

- Majority of products sterilize by steam
Low temperature limited to heat labile items only
 - Ethylene oxide
 - Formalin
 - Plasma hydrogen peroxide
 - Liquid



Policy and procedures

Storage

- CSSU : dedicated area
- Wards and theatres shelves or cabinet



Policy and procedures

Distribution

- Dedicated trolley or counter service
- Reuse of single use device
 - develop guidelines
 - still practice
 - dependent on individual hospital
 - looks good but.....



Policy and procedures

- Soft packs
 - ➡ in house
 - ➡ commercially produced
 - ➡ standardize

Policy and procedures

- Linen

- ☞ supply by concession company
- ☞ drapes
- ☞ surgical gown
- ☞ towels etc.
- ☞ single use drapes



- **Manpower**

- ☞ In-service Training
 - orientation for new staff
 - log book for competency
- ☞ Invite consultant from overseas
 - Conference
 - Seminars
 - Workshops
 - Hands on

Malaysian Sterile Service Association

Formation of MSSA

- Year 1996
- Started with only **38 members**
- Currently over **1000 members**

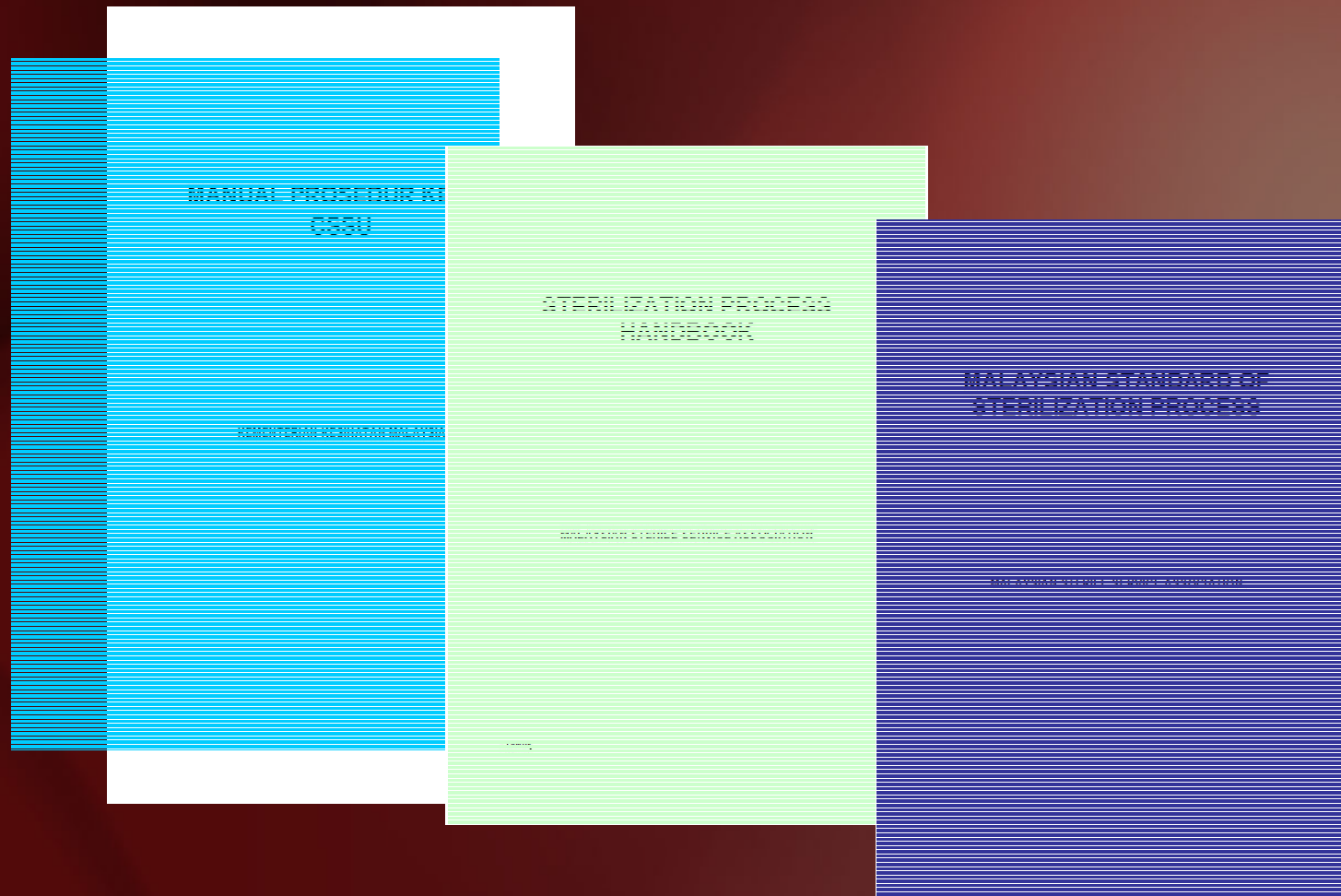
Nurses public and private
Doctors
Microbiologist
Members overseas



MSSA - contributions

- We have developed:
 - ➡ Standard operating procedures
 - ➡ Work instructions
 - ➡ Malaysian standard of sterilization process
 - ➡ Sterilization process handbook
 - ➡ Guidelines for in house

MSSA - contributions



MSSA - contributions

Yearly AGM Conference and Exhibition

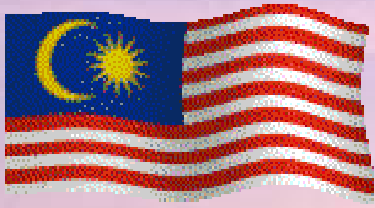
- This event has been going on for 12 years disseminate knowledge to CSSU practitioners
- Attended by sterilization practitioners from various countries

Australia, New Zealand,
Singapore, Vietnam,
Hong Kong and etc



Benchmark

USA	-	Advance American Medical Instrumentation
Australia	—	Australian Standard AS 1487
Europe / UK	—	Health Technical Memorandum UK
Malaysia	-	Malaysian Standard of Sterilization Process year 2005



Thank You

Malaysian Sterile Service Association (MSSA)

Sincerely invite the WFHSS to have the
congress in our warm, friendly and beautiful

Country, MALAYSIA

Thank You