



BRING THE
STERILIZATION SCIENCE
TO THE NEXT LEVEL
將滅菌科學提升到新水平

26TH WORLD
STERILIZATION
CONGRESS

3RD TO 6TH
DECEMBER
2025

HONG KONG
ASIAWORLD-EXPO
亞洲國際博覽館



质量改进项目 在消毒供应中心 的重要性

司徒永康, 教授

主任

世界卫生组织合作中心
香港大学





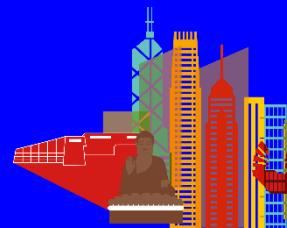
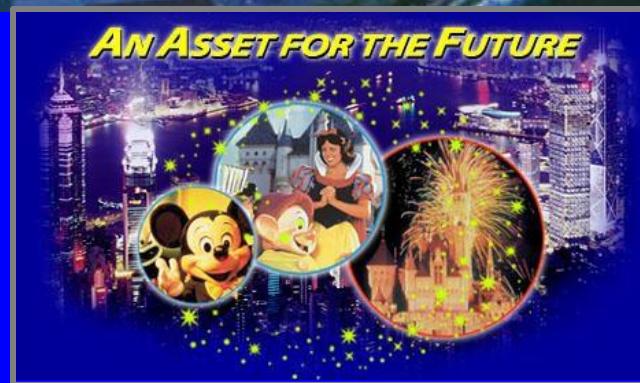
wfhs
Hotel Services
Management
Association
of Hong Kong





wfhs
HOTEL FRONT OFFICE SERVICES MANAGEMENT ASSOCIATION OF HONG KONG

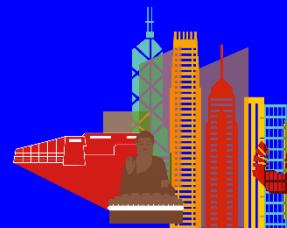
歡迎...





wfhs
World Health Services

香港首例禽流感病例, 2005





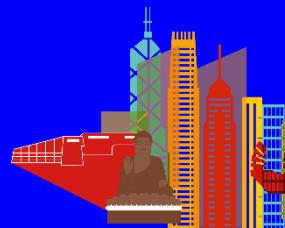
wfhs
world franchise services

请参观 香港大学





1937





w h s
World Federation of
Healthcare Services



1998年 – APSIC（亚太感染控制学会）在香港大学罗伯特·布莱克学院（Robert Black College, HKU）发起，有来自16个亚洲国家的代表参加





罗伯特·布
莱克学院



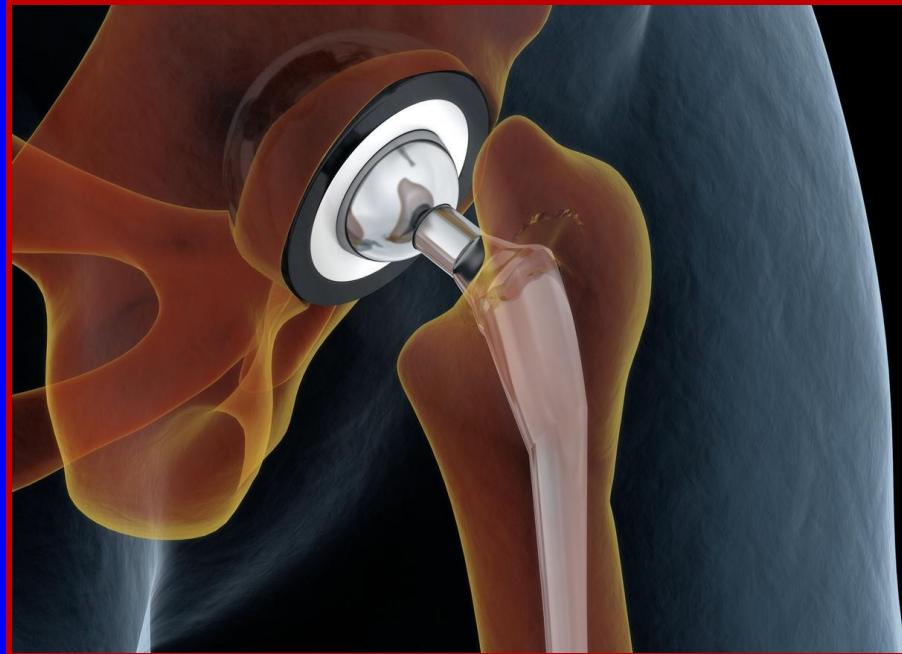
太古酒廊





在植入物手术中开展质量改进项目 (QIP) 的兴趣与启动——背后的原因





全关节置换术是 现代医学
一项了不起的进步





WFHS
WORLD FEDERATION
OF HOSPITALS



关节置换感染

少数接受髋关节或膝关节置換手术的患者（大约100人中有1人，即1%）可能在术后出现感染。

- 感染发生在伤口内或人工植人物周围的深处；
- 感染可能发生在住院期间或出院后；
- 关节置换感染甚至可能在手术后的数年内发生。

2023年2月





RESEARCH ARTICLE

Prevalence and burden of orthopaedic implantable-device infections in Italy: a

表1 各类手术感染的流行率 (2014)

宏观类别	总数	感染数	流行率 (%)
1. 初次髋关节置换			
2. 髋关节置换翻修			
3. 其他髋关节手术			
4. 初次膝关节置换			
5. 膝关节置换翻修			
6. 其他膝关节手术			
7. 下肢植入 (股骨、胫骨、足部)			
8. 下肢翻修 (股骨、胫骨、足部)			
9. 其他下肢手术			
10. 上肢植入 (肩部、手臂、手部)			
11. 上肢翻修 (肩部、手臂、手部)			
12. 其他上肢手术			
13. 一般肌肉骨骼植入			
14. 一般肌肉骨骼移除			
15. 其他骨科手术			
16. 相关的一般性手术			
总计			

Table 1 Prevalence of infections per type of procedure (2014)

Macro category	Total	With infection	Prevalence (%)
1. Primary hip replacement	89,242	37	0.04%
2. Hip replacement revision	7292	1203	16.50%
3. Other hip procedures	1000	0	0.00%
4. Primary knee replacement	61,923	42	0.07%
5. Knee replacement revision	3017	739	24.49%
6. Other knee procedures	115	0	0.00%
7. Lower limb implantations (femur, tibia, feet)	99,189	20	0.02%
8. Lower limb revisions (femur, tibia, feet)	27,492	448	1.63%
9. Other lower limb procedures	167	0	0.00%
10. Higher limb implantations (shoulder, arm, hand)	7900	18	0.23%
11. Higher limb revisions (shoulder, arm, hand)	12,540	138	1.10%
12. Other higher limb procedures	13,313	7	0.05%
13. Generic musculoskeletal implantation	156	99	63.46%
14. Generic musculoskeletal removal	163	65	39.88%
15. Other orthopaedic procedures	10,449	503	4.81%
16. General procedures associated	2635	1895	71.92%
Total	336,593	5214	1.55%



手术治疗

- 感染深入人工关节的病例，几乎总是需要手术治疗（单次手术或分期手术）；
- 晚期感染（发生在关节置换手术后数月至数年的感染）总是需要进行两阶段手术；
- 接受分期手术的患者，通常需要使用间隔器（spacer），并在植入新人工关节之前，接受至少6周的静脉注射抗生素；
- 第二阶段是翻修手术，植入新的关节部件。





wfhs
worldwide service



预防

- 术前和术后抗生素预防
- 缩短手术时间，尽量减少手术室人流
- 使用严格的无菌操作技术和无菌器械
- 术前鼻腔细菌定植筛查
- 术前使用洗必泰（氯己定）清洗
- 长期抗生素预防

采取措施确保手术部位无菌、器械经过适当灭菌且未暴露于任何污染，并且植入物经过包装以确保其无菌性。





亚洲植入物负载监测 调查与结果

司徒永康 教授

主任,

香港大学世卫组织合作中心主任
2023年6月22日





来自10个国家的 517个回复

- █ ANZ 澳大利亚和新西兰
- █ India 印度
- █ Indonesia 印尼
- █ Japan 日本
- █ Korea 韩国
- █ Malaysia 马来西亚
- █ Philippines 菲律宾
- █ Singapore 新加坡
- █ Thailand 泰国
- █ Vietnam 越南



Available online at www.sciencedirect.com

ScienceDirect

journal homepage: <http://www.journals.elsevier.com/infection-disease-and-health/>



Research paper

Surgical implant sterilization in the Asia-Pacific region: A survey of current practices

Wing T. Seto*

School of

Received

亚太地区手术植入物灭菌：现行实践
调查

KEYWORDS

Equipment sterilization;
Surgical implants;
Process challenge devices;
Biological and chemical indicators;
Immediate use steam sterilization

Abstract *Background:* Healthcare-acquired infections are frequently linked to contaminated medical devices such as inadequately sterilized surgical devices, especially surgical implants. To prevent inadequate medical equipment sterilization, various health organizations (eg, World Health Organization) have provided guidance on best practices related to the sterilization monitoring practices of implant-containing loads.

Methods: A survey of sterilization practices, including practices related to monitoring implant-containing loads, at facilities from seven countries in the Western Pacific Region (WPR) and three countries in the Southeast Asia Region (SEAR) was conducted to assess alignment with health organization guidelines and to elucidate factors impacting sterilization practices.

Results: Workload distribution was selected by 47 % of respondents when asked what had changed over the past year. Overall, 21 % of respondents were not monitoring each implant-containing load with a PCD (Process Challenge Device) containing a BI (Biological Indicator) with a Type-5 Chemical Indicator (CI), and 27 % of respondents had seen an implant load released prior to receiving BI results. Twenty-nine percent (29 %) of respondents had no placement guide for CIs when used in multi-level trays. Lastly, 43 % of respondents routinely performed immediate use system sterilization (IUS), which commonly involved loaner instruments.

Conclusions: The results of this survey study indicate that inappropriate PCD usage in implant loads and frequent IUS are challenges for some facilities in SEAR and WPR countries. Regional collaboration to produce consensus documents and educational programs may help develop strategies to standardize practice of implant load monitoring and loaner instruments. Thus, a consortium to initiate education programs for SEAR and WPR countries would be worthwhile. © 2025 Published by Elsevier B.V. on behalf of Australasian College for Infection Prevention and Control.

Highlights

- Workload distribution and processing/handoff time were biggest changes from April 2022 to April 2023.

* Corresponding author.

E-mail addresses: whsseto@hku.hk (W.H. Seto), chingpty@yahoo.com.hk (P.T.Y. Ching).

<https://doi.org/10.1016/j.idh.2025.02.006>

2468-0451/© 2025 Published by Elsevier B.V. on behalf of Australasian College for Infection Prevention and Control.

Please cite this article as: W.H. Seto and P.T.Y. Ching, Surgical implant sterilization in the Asia-Pacific region: A survey of current practices, *Infection, Disease & Health*, <https://doi.org/10.1016/j.idh.2025.02.006>





PCD + BI

过程挑战装
置 + 生物指
示剂

Written
policy for
recall

召回的书面政策

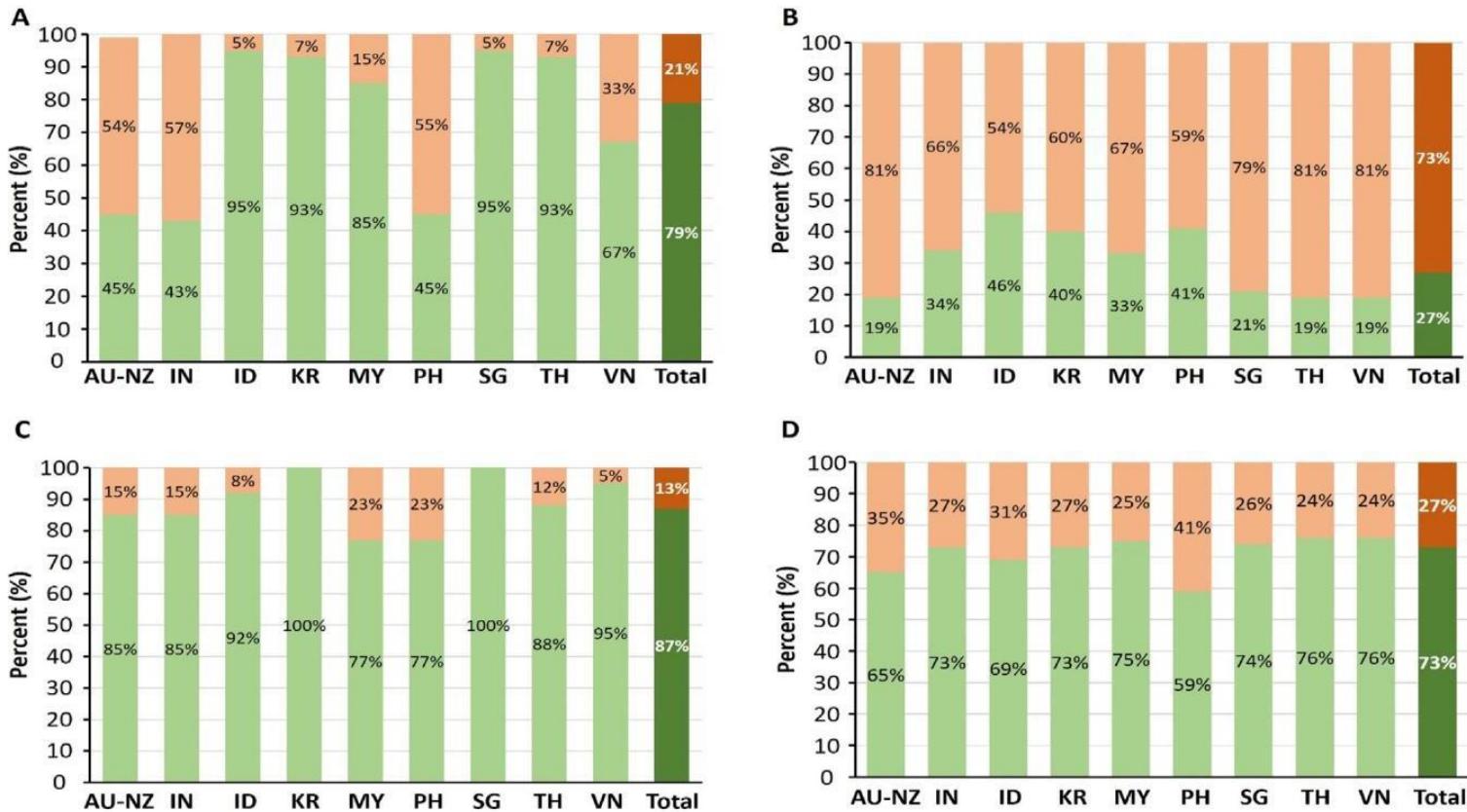


图 2 与含植入物批次相关的回复。柱状图描绘了 (A) 受访者表示每批含植入物的批次是否用含有生物指示剂 (BI) 和 5 型化学指示剂 (CI) 的过程挑战装置 (PCD) 进行监测的百分比；(B) 受访者表示在获得 BI 结果之前，根据 5 型 CI 结果进行过紧急植入物批次放行的百分比；(C) 受访者表示是否有书面政策和程序，用于在集中CSSD监测中出现 BI 阳性时召回器械的百分比；以及 (D) 受访者表示保持记录以追踪紧急植入物批次放行事件发生率的百分比。绿色条段 = “是”的回复；红色条段 = “否”的回复。

Emergency
release prior to
BI result

在生物指示剂
(BI) 结果出来前
紧急放行

Documentation
of emergency
load release

紧急放行批次的
文件记录



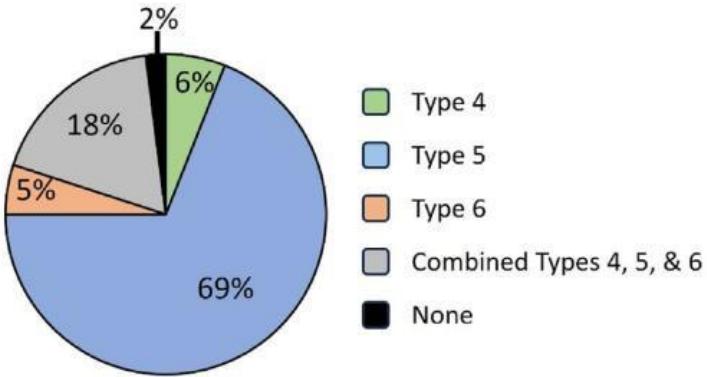
CI type used in every package

每个包中使用的化学指示剂 (CI) 类型

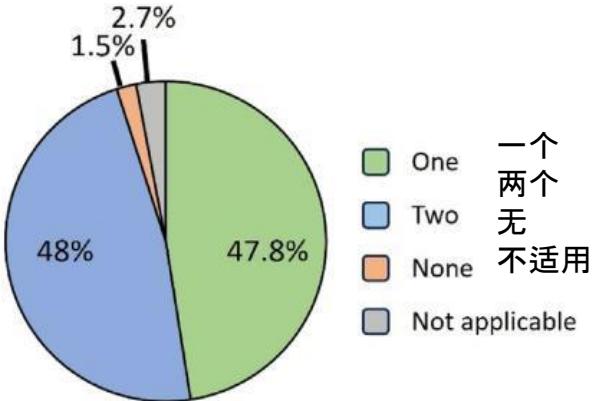
Numbers of CI used in multi-level trays

多层次托盘中使用的化学指示剂 (CI) 数量

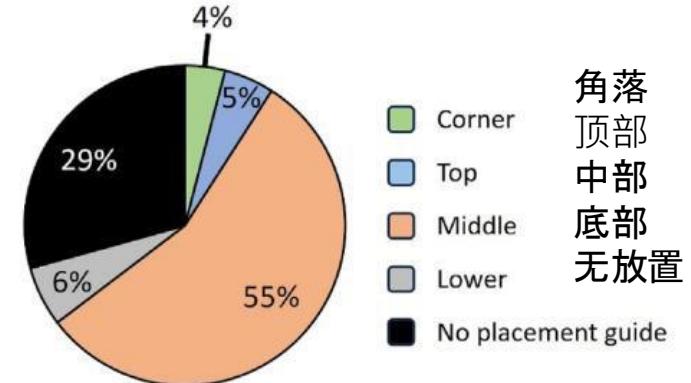
《感染、疾病与健康》(xxxx) xxx

A


4类
5类
6类
4、5和6类组合
无

B


一个
两个
无
不适用

C


角落
顶部
中部
底部
无放置

多层次托盘中化学指示剂 (CI) 的放置位置

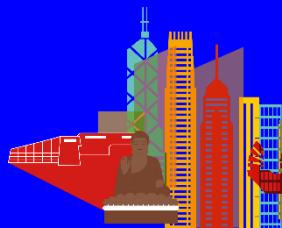
Location of CI in multi-level trays

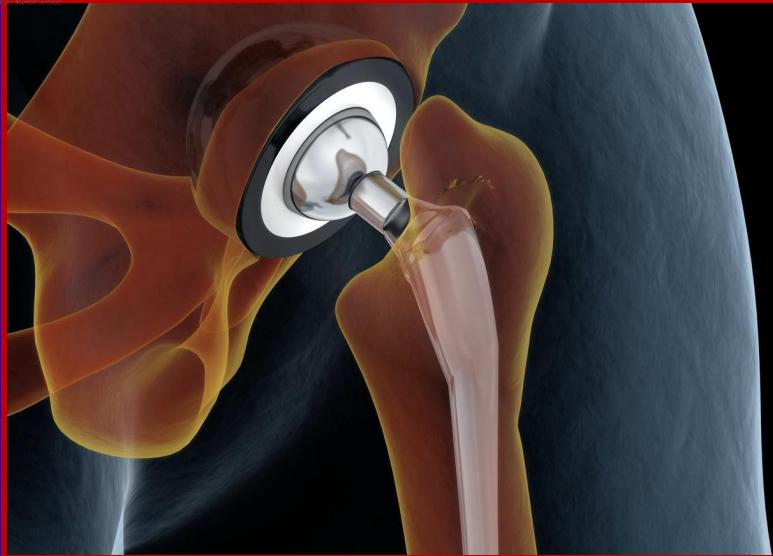
图 3 消毒供应中心的化学指示剂使用和放置。饼图描绘了 (A) 受访者在进行灭菌时，每个包裹内使用所示化学指示剂 (CI) 类型(s) 的总百分比；(B) 受访者在多层次托盘内使用所示数量 CI 的总百分比；以及 (C) 受访者在灭菌过程中将 CI 放置在多层次托盘所示位置的百分比。





亚洲安全手术植入物联盟 - 2023年第一次会议



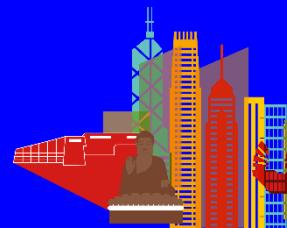


必须建立系统，以确保对外来器械进行妥善管理，从而形成.....

亚洲安全手术植入物联盟

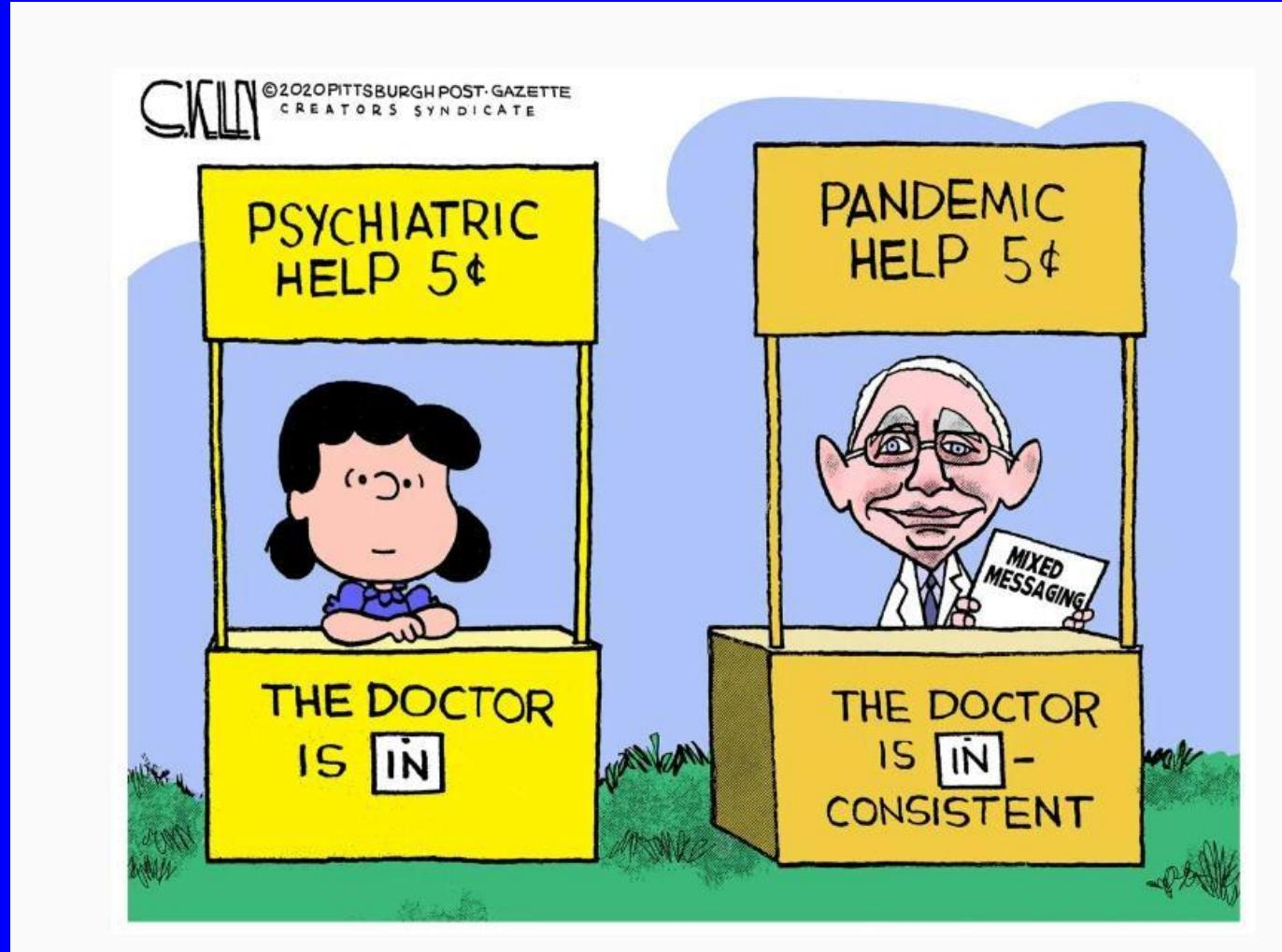
双重战略：

- 共识文件
- 启动 QIP 项目（质量改进项目）





wfs
WASTE FINANCIAL SERVICES

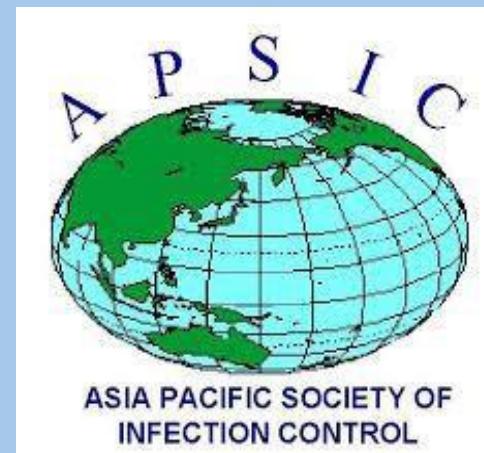


这就是为什么我们需要指南





如此多的指南.....





wfhs
World Federation of Hospital Services

国际指南已发布/可供查阅:

Decontamination
and Reprocessing
of Medical Devices
for Health-care
Facilities

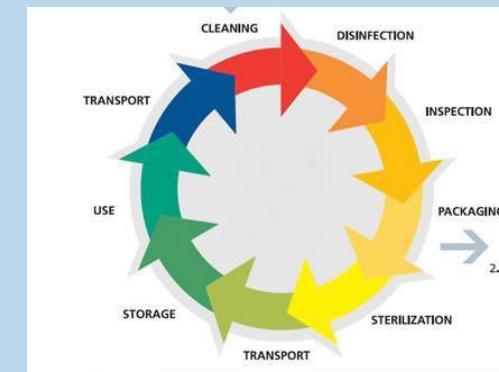


© World Health Organization and Pan American Health Organization, 2016

医疗机构医疗器械的去污和再处理

理解世卫组织指南

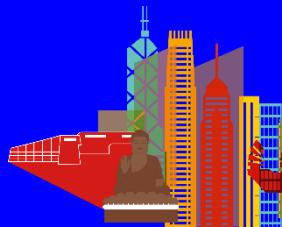
司徒永康





这是美国疾控中心（CDC）、美国食药监局（FDA）、美国职业安全与健康管理局（OSHA）以及州消毒指南的合订本第一卷。您想把它放哪儿？

我们必须关注任何指南中最重要的地方...





共识文件

回顾

成就回顾

- 3份共识文件
- 16个协会认可/批准
- CSSD, OR, 感染防控协会

Quality assurance in health care facilities

Monitoring category		Monitoring Frequency	
		Steam Sterilization	Vaporized Hydrogen Peroxide Sterilization
Physical Indicator	External Chemical Indicator	Every Load	
	Internal Chemical Indicator	Every Packaging and Tray	
	Bowie-Dick Test	Every Packaging and Tray	
Chemical Indicator	Every Day for Dynamic Air Removal	Every Day	Every Load
	BI Routine Monitoring	Every Day	Every Load
Biological Indicator	BI Implant Load	Every Load	

Sterilization recall policy and procedure



Proper management of loaner instruments and implants

steps 10

1 Prior Notification to CSSD: Notify the Central Sterile Supply Department (CSSD) in advance before receiving loaner instruments or implants.	2 Timely Receipt of Instruments: Ensure loaner instruments are received within 2 working days (48 hours) before the scheduled case, in the case of existing sets.
3 Inventory and Inspection: Perform a thorough inventory and inspection of the loaner instruments upon receipt to verify their completeness and condition.	4 Follow Manufacturer's Instructions: Adhere to the manufacturer's instructions for cleaning and decontamination, following the instrument-specific instructions for use (IFU).
5 Function and Cleanliness Inspection: Inspect the loaner instruments for functionality and cleanliness after the cleaning and decontamination process.	6 Proper Packaging: Ensure that the loaner instruments are appropriately packaged, following recommended guidelines and considering their specific requirements.
7 Sterilization Process: Sterilize the loaner instruments according to the manufacturer's instructions, using the appropriate sterilization method.	8 Quality Assurance Monitoring: Implement quality assurance measures, such as performing Biological Indicator (BI) monitoring for every load and using Type 5 Cleaning Verification (CV) for every pack containing implants.
9 Proper Processing After Case: After the surgical procedure, process the loaner instruments promptly to prevent delays and ensure timely availability for future cases.	10 Inventory Check before Return: Conduct an inventory check of the loaner instruments before returning them to ensure all items are accounted for and properly organized.



共识文件:

医疗机构的质量保证
**Quality assurance
in health care facilities**

Monitoring category	Monitoring Frequency	
	Steam Sterilization	Vaporized Hydrogen Peroxide Sterilization
Physical Indicator	Every Load	
Chemical Indicator	Every Packaging and Tray	
Internal Chemical Indicator	Every Packaging and Tray	
Bowie-Dick Test	Every Day for Dynamic Air Removal	
Biological Indicator	BI Routine Monitoring	Every Load
BI Implant Load	Every Load	

Endorsed by:

Supported by 3M

外来器械和植入物的妥善管理
Proper management of loaner instruments and implants

10 steps

- Prior Notification to CSSD: Notify the Central Sterile Supply Department (CSSD) in advance before receiving loaner instruments or implants.
- Timely Receipt of Instruments: Ensure that the instruments are received within 2 working days (48 hours) before the scheduled case, in the case of existing sets.
- Inventory and Inspection: Perform a thorough inventory and inspection of the loaner instruments upon receipt to verify their completeness and condition.
- Follow Manufacturer's Instructions: Adhere to the manufacturer's instructions for cleaning and decontamination, following the Instrument-specific Instructions for Use (IFU).
- Function and Cleanliness Inspections: Inspect the loaner instruments for functionality and cleanliness after the cleaning and decontamination process.
- Proper Packaging: Ensure that the loaner instruments are appropriately packaged, following recommended guidelines and considering their specific requirements.
- Sterilization Process: Sterilize the loaner instruments according to the manufacturer's instructions, using the appropriate sterilization method.
- Quality Assurance Monitoring: Implement quality assurance measures, such as performing Biological Indicator (BI) monitoring for every load and using Type S Chemical Indicators (CI) for every pack containing implants.
- Prompt Processing After Case: After the surgical procedure, process the loaner instruments promptly to prevent delays and ensure timely availability for future cases.
- Inventory Check before Return: Conduct an inventory check of the loaner instruments before returning them to ensure all items are accounted for and properly organized.

Endorsed by:

Supported by 3M

灭菌召回政策和程序
Sterilization recall policy and procedure

The sterilizers are tested with Biological Indicator (BI) to demonstrate that all of the sterilization parameters have been met. The following actions are implemented when a positive Biological Indicator test occurs. If the cause of the failure is not immediately identified, the load should be quarantined, and all loads back to the last negative BI should be recalled.

Endorsed by:

Supported

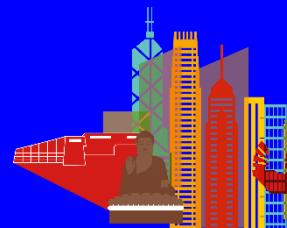


必须建立系统，以确保对外来器械进行妥善管理，从而形成.....

亚洲安全手术植入物联盟

双重战略：

- 共识文件
- • 启动 QIP 项目（质量改进项目）

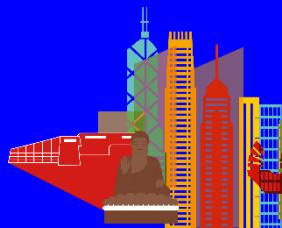




“医院是迄今为止设计出的最复杂的人类组织”



— 彼得·德鲁克





WFHS
World Health Services

edge ware

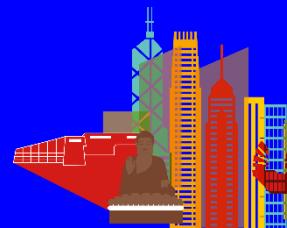
insights from
complexity science
— for —
health care leaders

来自复杂性科学的见
解——专为医疗保健领
导者



Brenda Zimmerman, Ph.D., Curt Lindberg and Paul Plsek

复杂性科学

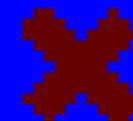




‘复杂性科学’

对以下系统的研究

- 既相互依存又相互独立,
- 共识尚未完全形成,
- 变化不可预测但正在涌现。



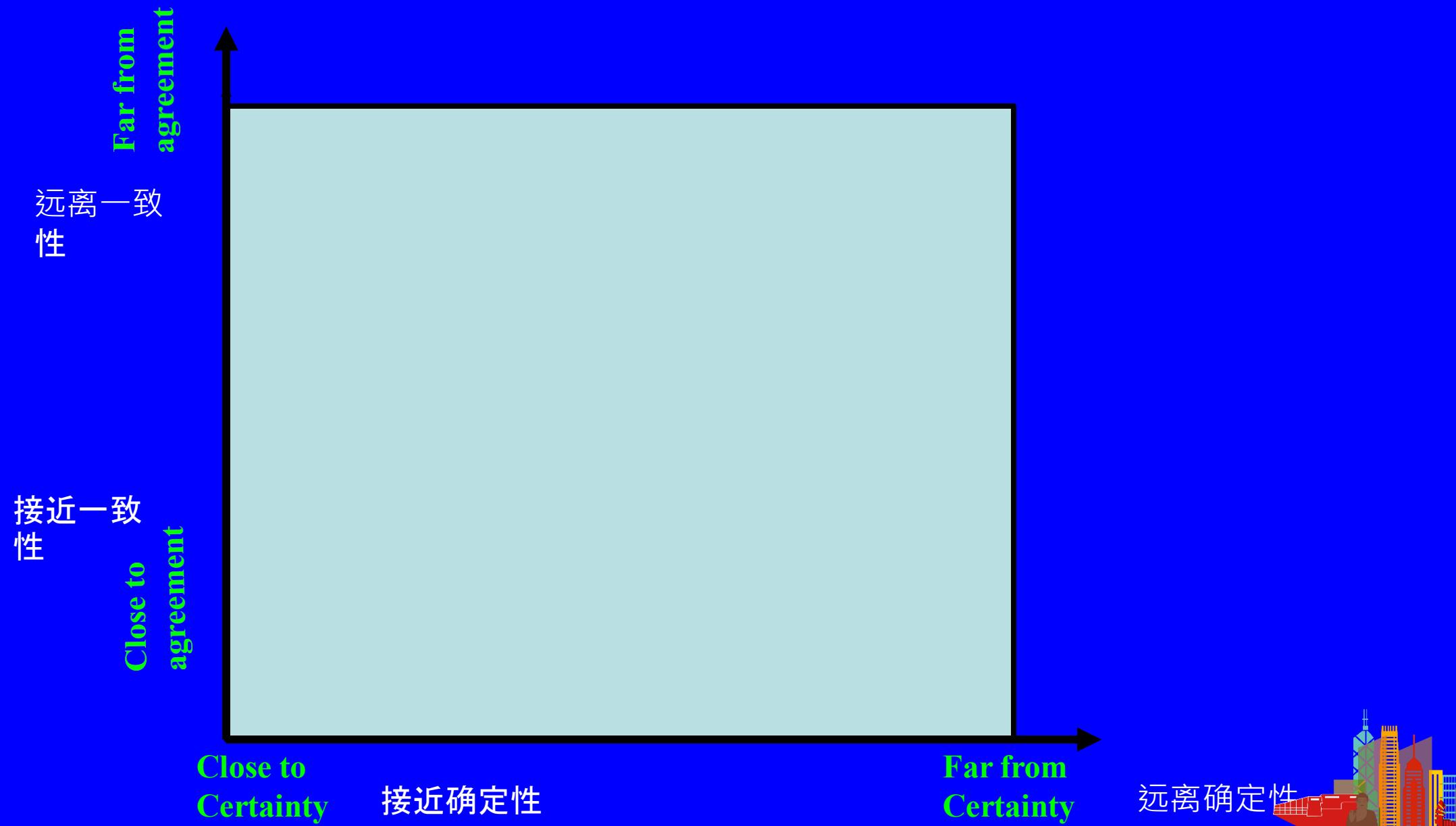
它并非指不存在任何系统的混乱情况

Zimmerman





Stacey 一致性和确定性矩阵





远离一致
性

Far from
agreement

CQI (持续
质量改进)

↑ CQI
↓

接近一致
性

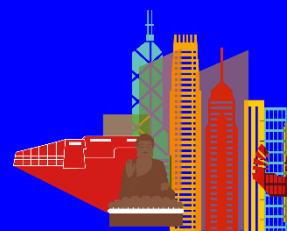
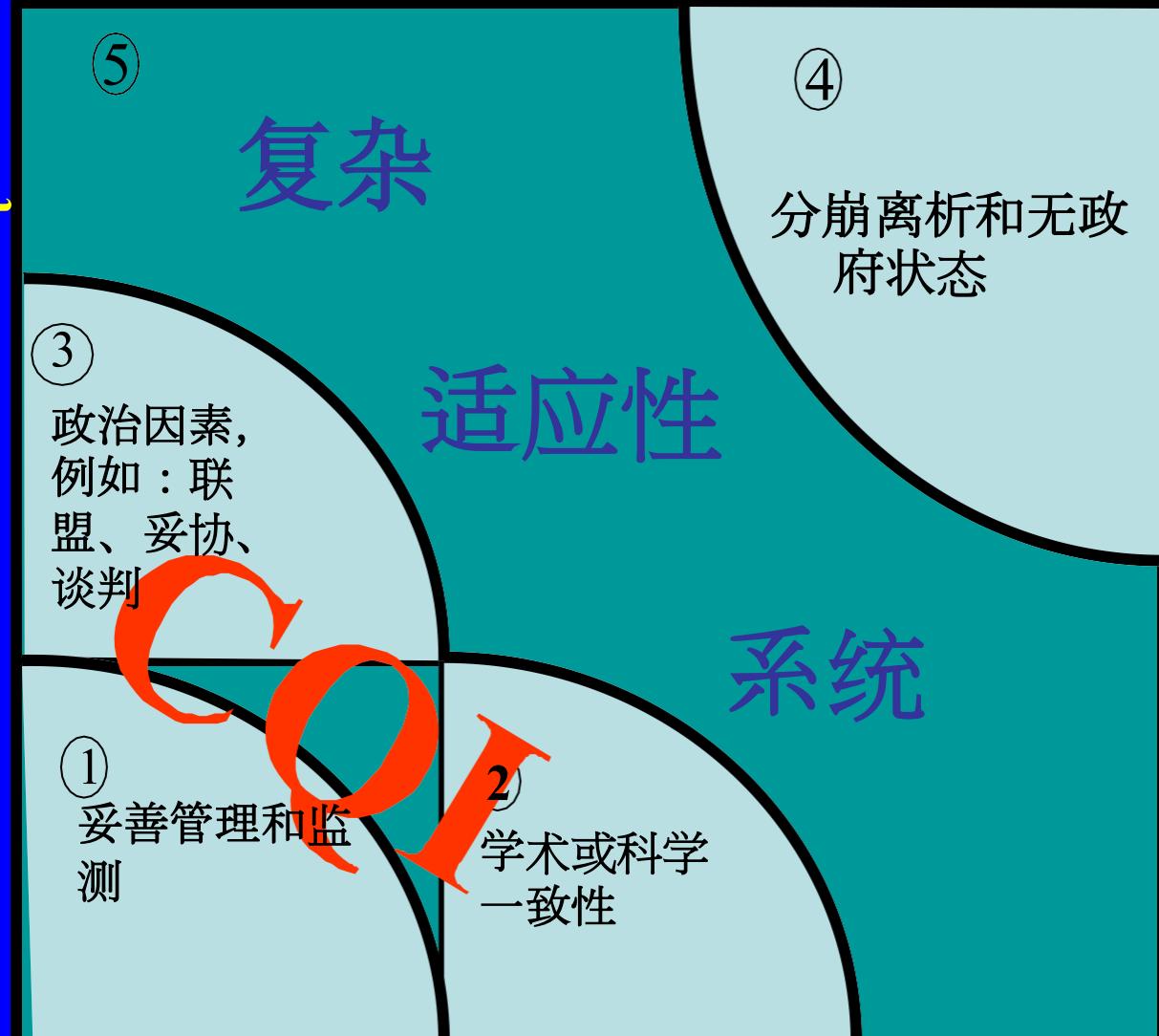
Close to
agreement

Close to
Certainty

接近确定性

Far from
certainty

远离确定性





与医院的复杂性相比，CSSD
相对简单。





wfhs
World Federation of
Sterile Services

国际指南已发布/可供查阅:

Decontamination
and Reprocessing
of Medical Devices
for Health-care
Facilities

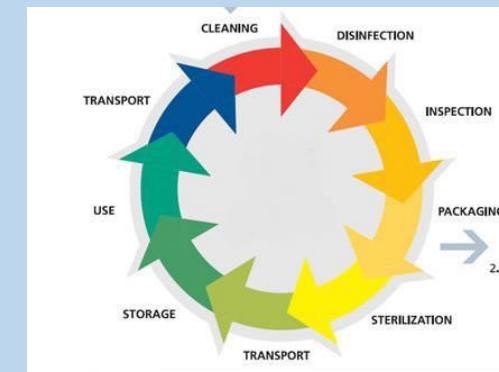


© World Health Organization and Pan American Health Organization, 2016

医疗机构医疗器械 的去污和再处理

理解世卫组织指南

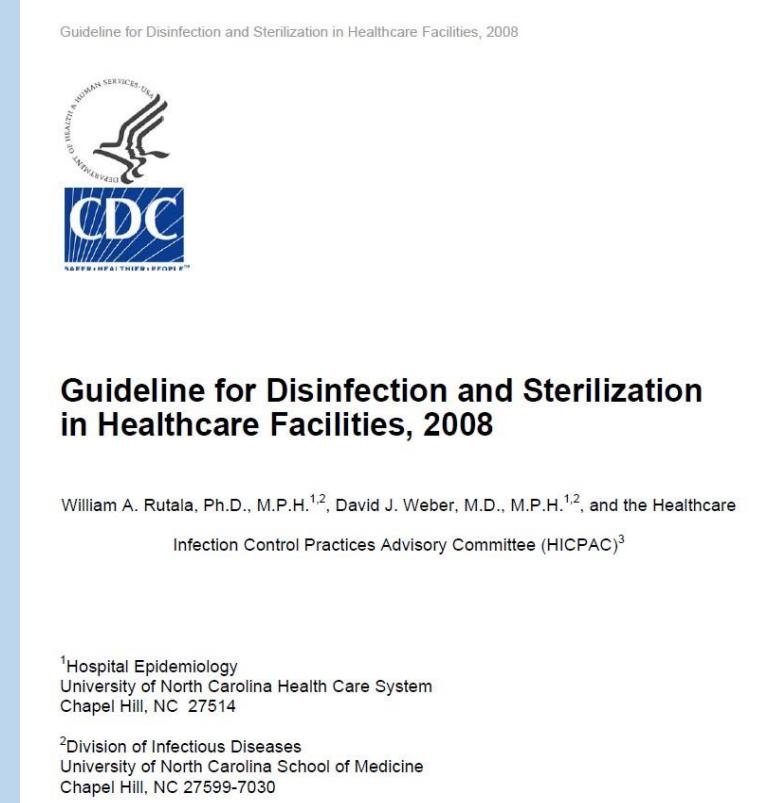
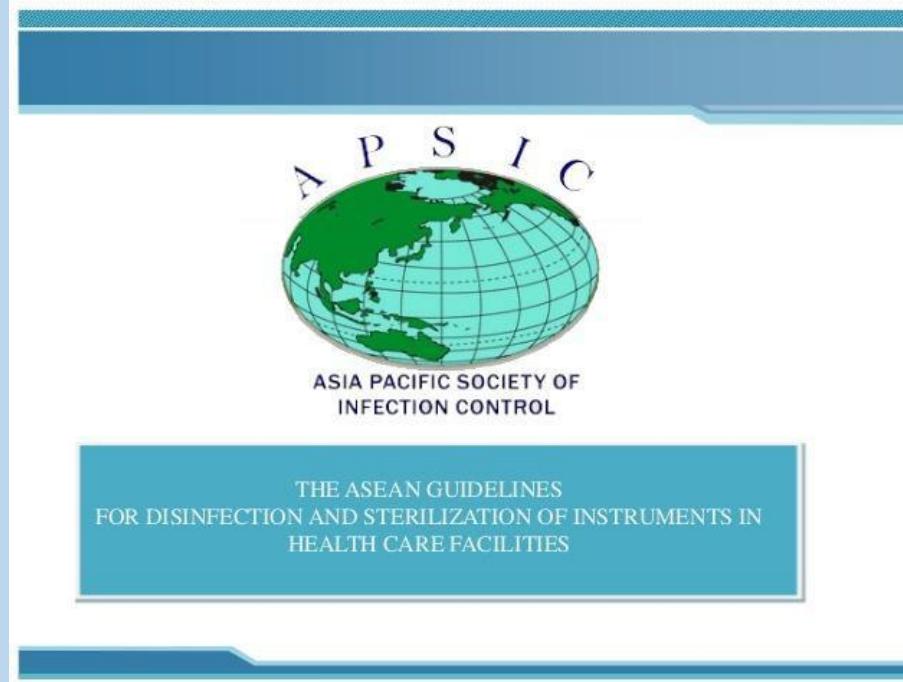
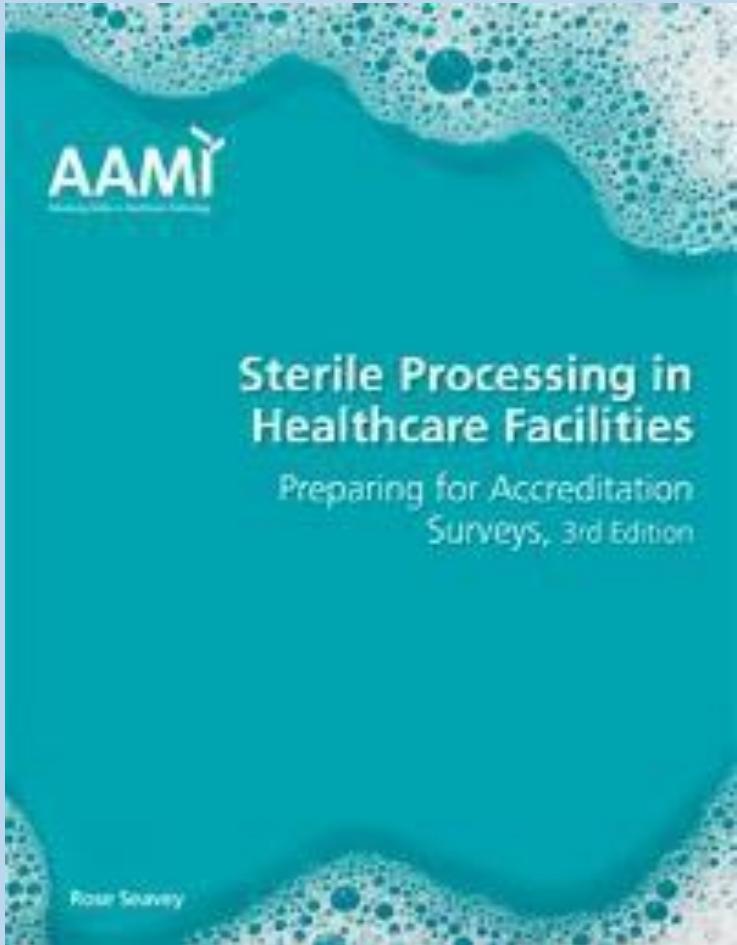
司徒永康





wfhs
World Federation for
Healthcare Services

其它参考指南



2017



许多事项都有明确定义：

关于灭菌的常识

定义

去污 (Decontamination) : 从物品上清除污垢和致病微生物，使其可以安全处理，以便进行进一步处理、使用或丢弃。（摘自美国疾病控制与预防中心 [CDC] 2008年《医疗机构消毒和灭菌指南》）。

清洗 (Cleaning) : 通过物理方式清除异物（例如灰尘、污垢）污染所需的第一步。它还将清除有机物，例如血液、分泌物、排泄物和微生物，以准备对医疗器械进行消毒或灭菌。

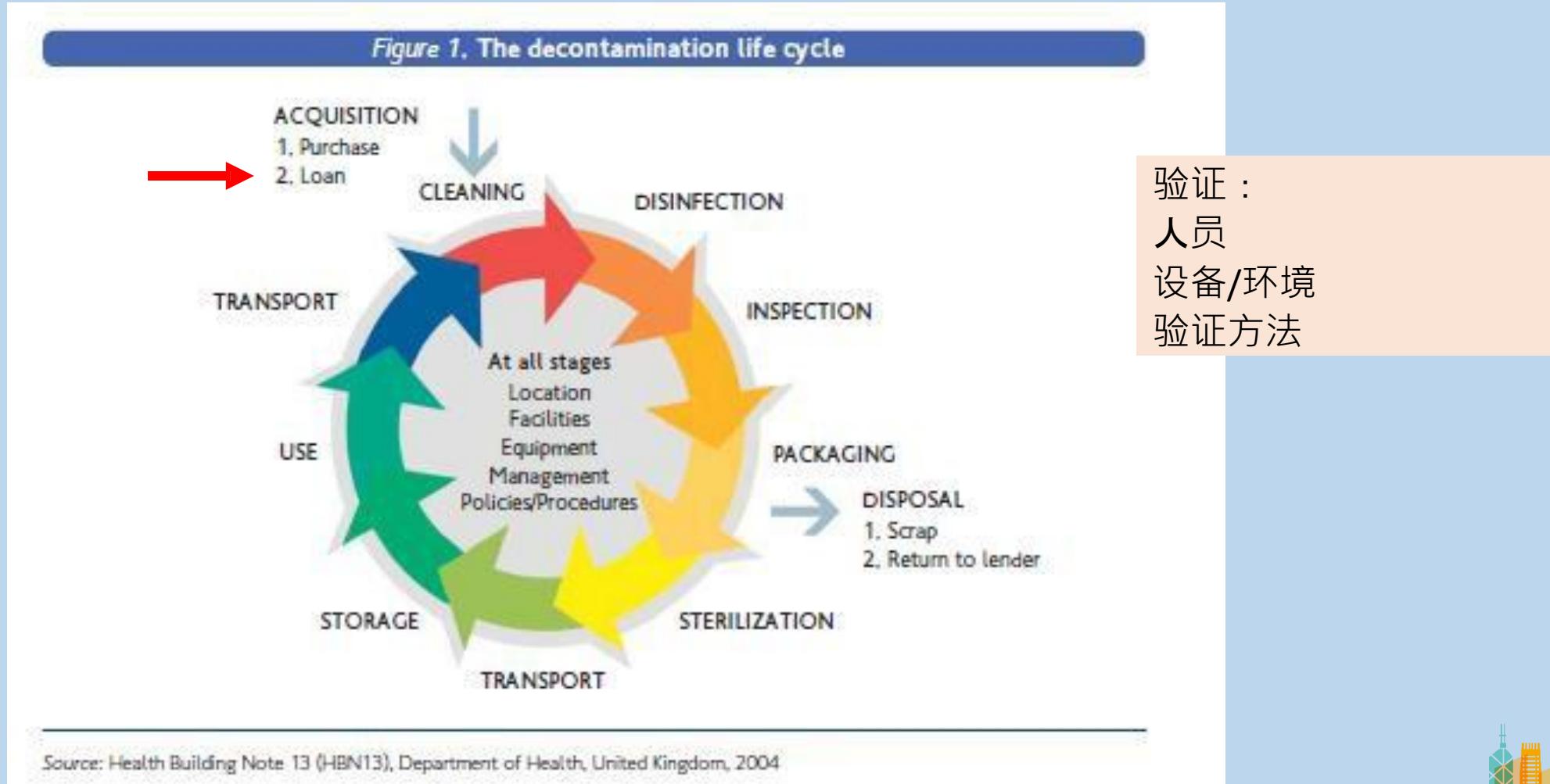
消毒 (Disinfection) : 一种将活微生物数量减少到危害较小水平的过程。该过程可能无法灭活细菌孢子、朊病毒和某些病毒。

灭菌 (Sterilisation) : 一种经过验证的过程，用于使物品不含活微生物，包括病毒和细菌孢子，但不包括朊病毒。





流程通常是明确界定且已到位的....





无菌服务中的风险评估

表2. 根据Spaulding分类法对可重复使用器械进行本地去污的政策

风险类别	推荐的去污水平	医疗器械举例
高风险（关键） 涉及皮肤或粘膜破损或 进入无菌体腔的物品	灭菌	手术器械 植入物/假体、硬式内窥镜 注射器、针头
中风险（半关键） 接触粘膜或体液的物品	消毒（高水平）	呼吸设备、非侵入性柔性内 窥镜、便盆、尿壶
低风险（非关键） 接触完整皮肤的物品	清洗（视觉清洁）	血压袖带、听诊器



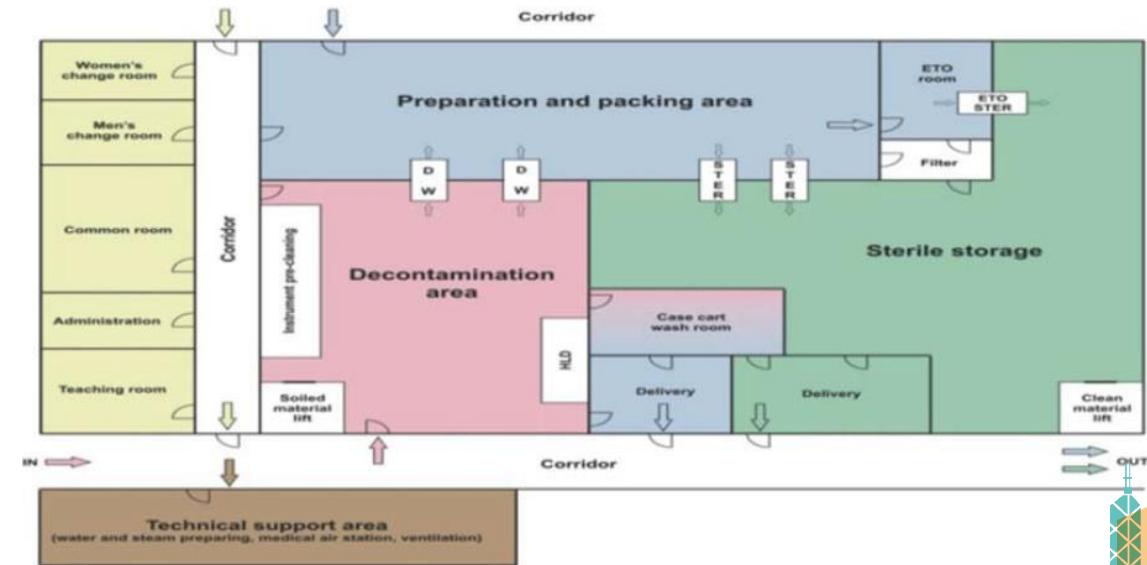


- SSD的优点和缺点
- SSD的布局和空间规划
- SSD的设计
- 空气和水质
- SSD环境——结构、通风、湿度、温度
- 特定区域——例如，污区、包装区、灭菌区
- 职业健康和安全

Ten Rules for the SSD location

1. The SSD is designed so that it is physically separated from all other work areas and does not interfere with routine clinical practice.
2. The SSD is not an integral part of any other service user or treatment area, such as operating theatres.
3. The SSD is not to be used as a thoroughfare.
4. The SSD is purpose-specific and built for reprocessing devices with clearly demarcated areas.
5. The SSD is designed to allow segregation of "dirty" and "clean" activities.
6. The SSD is designed to facilitate a unidirectional flow from the "dirty" area to the "clean" area.
7. The SSD will have a dedicated staff area in proximity for changing into work wear, which includes a shower, toilet facilities and lockers.
8. Access to the dirty and "clean" areas, such as the IAP room, should be through separate, dedicated gowning rooms provided with hand hygiene facilities.
9. The dirty area, IAP, sterilizing and sterilizer unloading area should be free from windows that can be opened, ledges and difficult-to-clean areas.
10. The dirty area, clean area room, IAP area and sterilizing area should be designed to minimize the ambient sound levels within the rooms. This will require particular attention to the installation of equipment, building finishes and maintenance of machines.

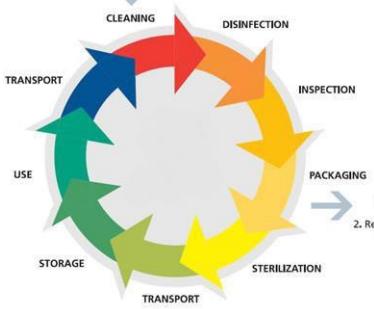
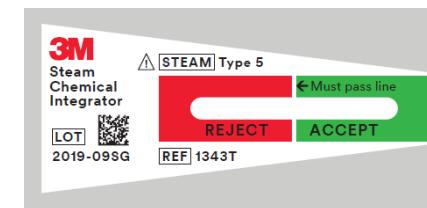
Figure 6. An example of a SSD layout*



*Note the flow of staff and devices



灭菌程序— 医院持续质量改进 (CQI) 的完美领域





亚洲安全手术植入物联盟

2023 ASSIC
日本 东京



2024 ASSIC
韩国 首尔



2025 ASSIC 3月 25-27
泰国，曼谷



10
国家

16
组织

20
代表

10
国家

17
组织

41
代表

10
国家

16
组织

42
代表

- 制定了 3 份共识文件
- 获得 10 个组织的认可/批准
- 10 项 QIP (质量改进项目) 已完成

- 共识文件获得 12 个组织的认可/批准
- 23 项 QIP 已完成

- 共识文件获得 17 个组织的认可/批准
- 28 项 QIP

灭菌共识



* 4 additional Associations Endorsed in 2024



Asia Safe Surgical Implant Consortium
Bangkok, Thailand – 25-27 March 2025

Bringing together leaders in sterilisation monitoring and safety practices

In collaboration with the WFHS Collaborating Centres (WCC), the ASSIC Consortium has successfully led advancements in sterilisation monitoring and quality assurance. Including leaders from across Asia implemented an implant load QIP and shared successful outcomes, setting new standards for consistent monitoring throughout the pack.

Key Discussions:

- New Monitoring Test Procedure for Every Implant Load Monitoring
- New Evidence in Sterilisation and Quality Assurance
- Adoption of New Technologies
- Sustainability Initiatives and Directives



[Sterilisation Assurance Resource Hub Page](#)

解决重要问题，共同进步
聚焦鼓舞人心的 ASSIC 项目！





2025年 ASSIC 代表

10
国家

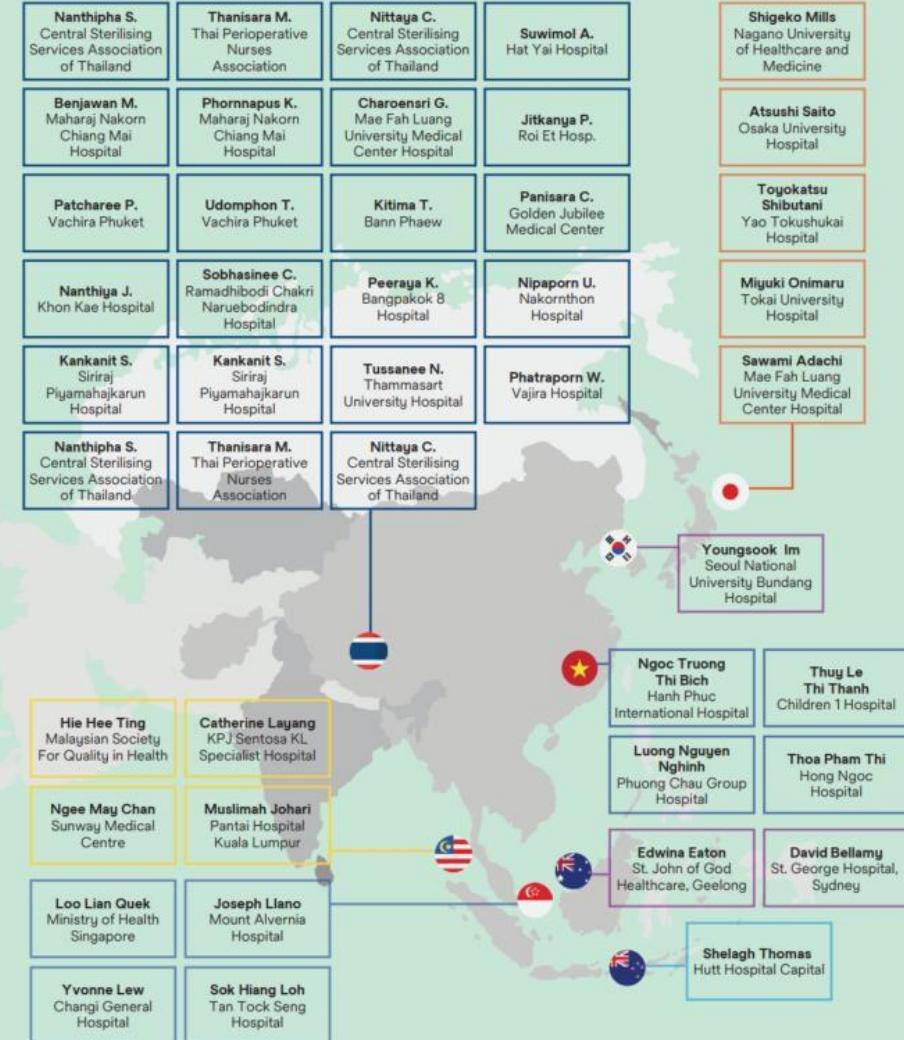
42
代表

28
2025 WHO
QIP#



包括世界卫生组织合作中心 (WHO CC) 和演讲者。
#有兴趣开展QIP

团结一致，
致力于保障患者安全。





向本次杰出活动的幕后参会者致敬：2025年 ASSIC



WHO cc（世界卫生组织合作中心）、亚洲和全球团队



澳大利亚和新西兰



日本



韩国



新加坡



泰国



马来

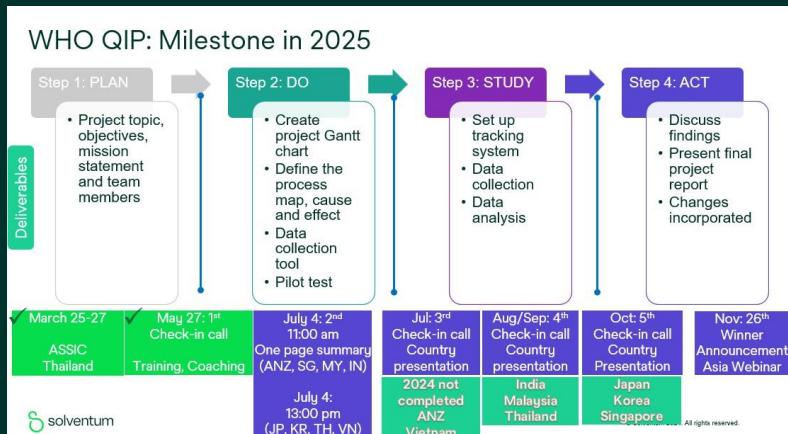


越南



世界卫生组织合作中心（WHO CC）的持续质量改进（QIP）、教育与培训

通过 WHO CC QIP 实现持续改进



QIP 电子书 – 23个 QIP

利用教育与培训

solventum

Asia CSSD Webinar Series 2025

[Webinar Series Landing Page](#)

We would like to invite you to attend our upcoming event to gain invaluable insights and knowledge on this learning journey.

Join us for essential webinar series on Evidence-Based Sterilization Practices!

Join us to learn more!

solventum

Evidence-Based Sterilization Practices Webinar Series

Gain valuable insights and knowledge on sterilization assurance in this webinar series. Find medical education to help you improve health outcomes and provide more efficient care.

Upcoming webinars

Date	Event Name	Speaker Name
23 Apr 2025	Ensuring Safe Sterilization Monitoring: Transition into EN ISO 15694 Certification	Sarah Cruz, Teal Beach
14 May 2025	Addressing Sterilization Assurance: Exploring Next Generation Solutions in Double Disk Testing	Keyla Ostrander
9 Jul 2025	Revolutionizing Sterilization: Advanced Monitoring with VHQ2Q for Unmatched Assurance	Mr. Larry Talyope
6 Aug 2025	SI Technology for Safe Sterilization and Advanced Steam Monitoring	Mr. Larry Talyope
12 Nov 2025	Celebrating Perioperative Nurses Week: Elevating Patient Safety with WHO Surgical Safety Checklist	Prof. Wong Hong Sali, Dr. Norman Li





2024年 23个 QIP (质量改进项目) 的 描述

- 全部是关于外来器械或召回改进的项 目。

TABLE OF CONTENTS

Improving Loaner Instrument Management for Patient Safety	02
Raising the Standard of Implant Load Control Monitoring	05
Enhancing Loan Instruments and Implants Management	08
Quality Control and Standardization for Loaner Instruments and Implant Reprocessing	11
Proper Management of Loaner Implantation Instruments	14
Ensuring Safe Peri-operative Patient Care Through Effective Method on Instrument's Quality Intra-operatively	17
Safe Loan Instruments for Patient Safety	20
Safe Surgical Implant System	23
Proper Management of Loaner Instrument and Implant in CSSD	26
Important Traceability for loaner instrument	29
CSSD and OR Collaboration for Safe Surgery	32
Improvement Operating Management of Loaner Instruments Sterilization Systems Using Digital Transformation	35
QIP - Loaner Equipment Re-start Nonstop to Prevent SSIs	38
Proper Management of Loaner Instruments	41
Improving Loan Management Process	44
Policy Reform for Reprocessing Instruments – A Quality Improvement Partnership with Vendors	47
Reduced Recall Through Advanced Monitoring	50
A Comprehensive Approach to Eliminate Unsafe Practice in Reprocessing Loans & Other Reusable Medical Devices	53
Implementing Improvements in the Quality of Handling Surgical Implant Instruments	56
Enhancing Quality & Efficiency in Loaner Instrument Management	59
Integrating Best Practices in Implant and Loaner Set Management	62
Augmenting Reprocessing for Loaner Instruments	
Placement of Chemical Indicator for Loaner and In-House Implant Set Compliance	





2025 QIP (质量改进项目) 项目手册



**Quality Improvement Program
Safe Surgical Implant Consortium**

We warmly invite you to join Solventum (formerly 3M Healthcare) and the WHO Collaborating Center in HKU a Quality Improvement Program (QIP) focused on the safe reprocessing of loaner instruments and implants. Your participation offers recognition and the chance to receive QIP Awards for your efforts.

HKU Faculty of Medicine School of Public Health
WHO Collaborating Centre for Infectious Disease Epidemiology and Control

Scan QR code to join QIP

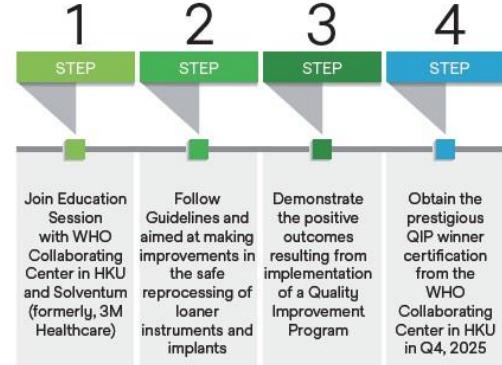
Quality Improvement Programs (QIPs) are of utmost importance as they play a crucial role in driving several key factors:

- Improved outcomes for patients
- Improved efficiency of staff and saving cost, special for loaner instruments and implants

QIP programs ensure that the focus remains on continuously improving the quality of care provided to patients.

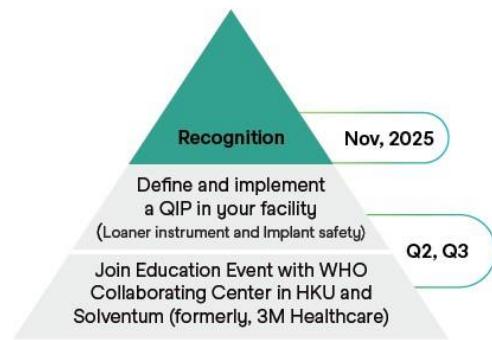


Scan QR code to join QIP

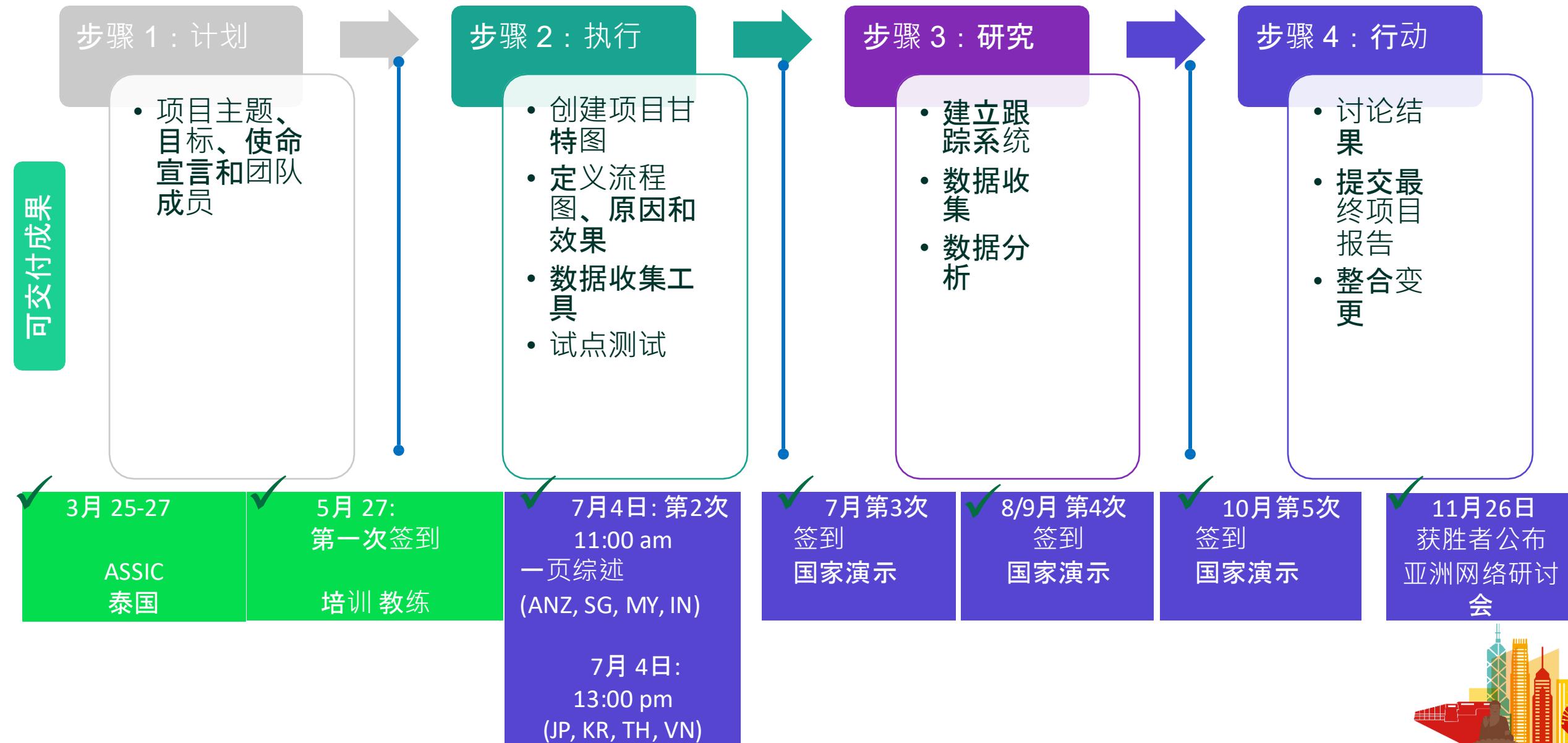


We will help you apply WHO, AORN, AAMI, APSIC, and CDC guidelines, along with standards and consensus documents, to implement best practices in your facility. This will support your organization's patient safety goals, with a special focus on the safe reprocessing of loaner instruments and implants in 2025.

QIP Program Process



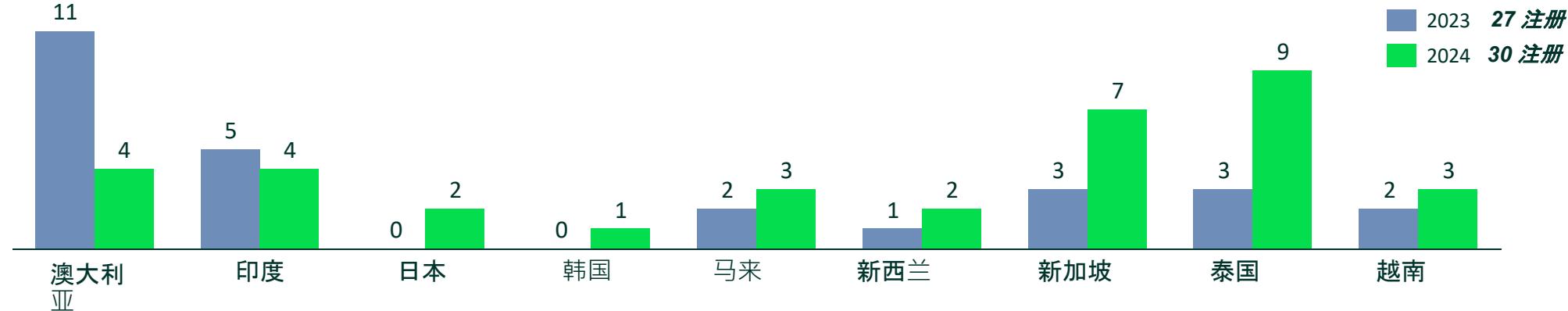
世界卫生组织持续质量改进项目（WHO QIP）：2025年里程碑





2023 - 2024年 世界卫生组织持续质量改进项目 (WHO QIP) 提交情况 – 35家医院

WHO QIP 注册数量

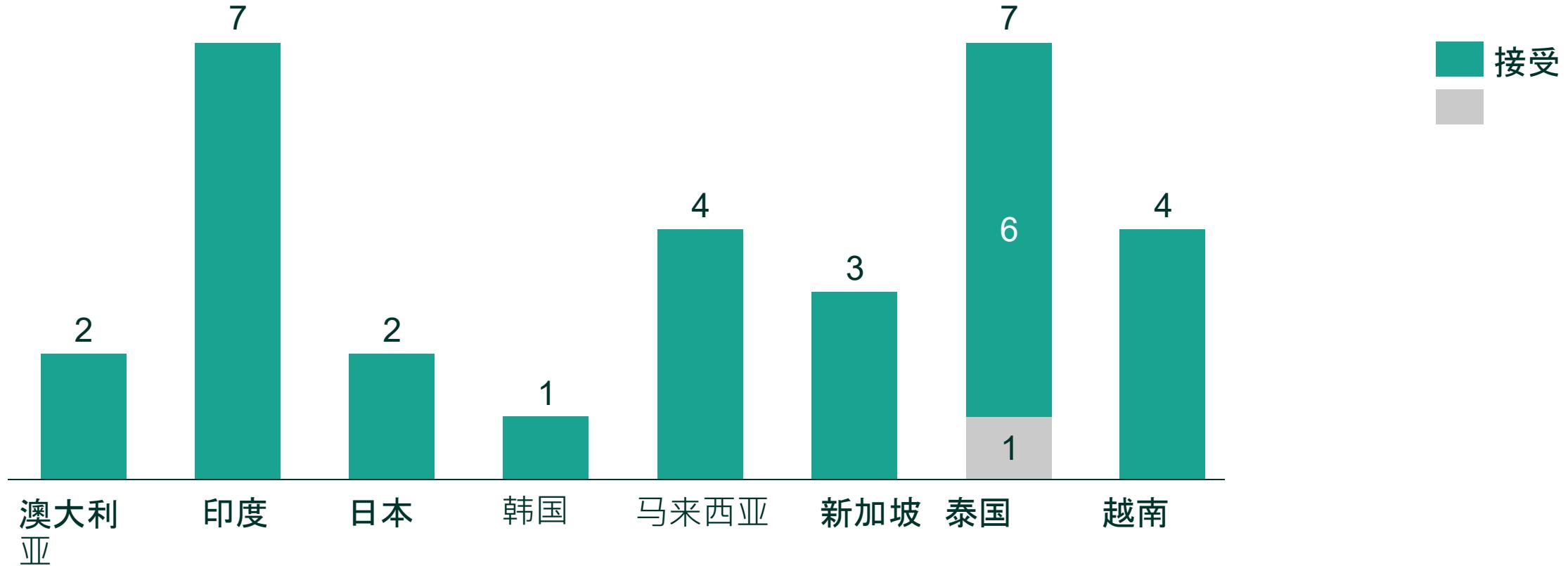


WHO QIP 颁奖





2025年世界卫生组织持续质量改进项目（QIP） 注册情况 32个注册 29个接受



12个获奖者（其中3个获得杰出奖），2025年11月26日公布





ASSIC 社区

亚洲安全手术 灭菌保证知识中心



销售团队和协会认可资产

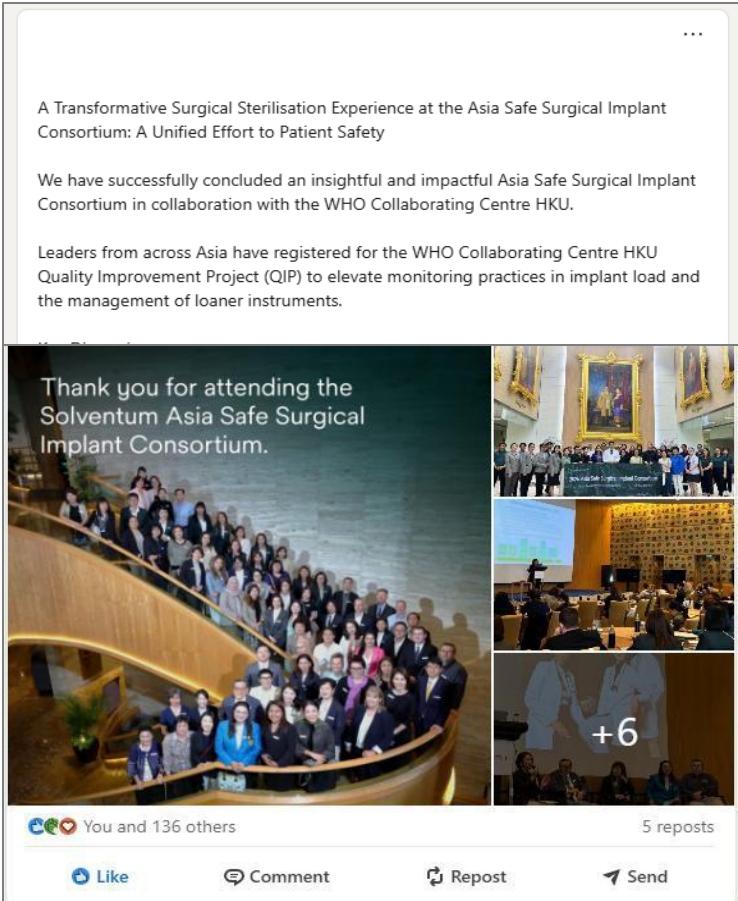
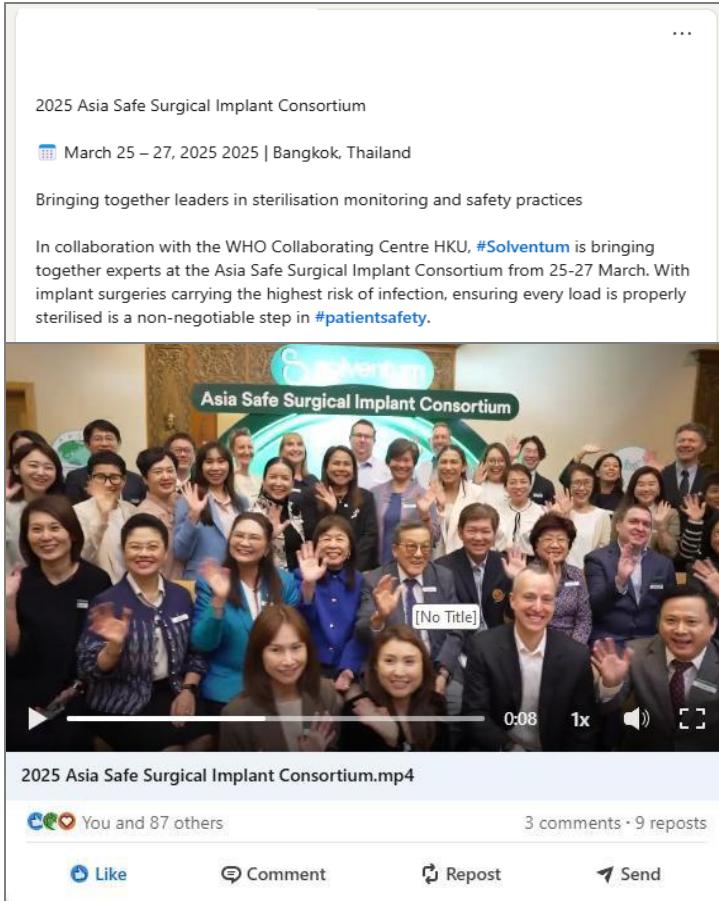


访谈视频





社交媒体帖子（活动期间和活动后） ✓



Advancing Sterilisation Quality Assurance

Ensuring the highest standards in medical instrument sterilisation is essential for patient safety. In collaboration with leading experts, we are proud to introduce three key consensus documents that establish new benchmarks for sterilisation quality assurance:

- ✓ Quality Assurance in Sterilisation Monitoring Frequency – Providing guidelines for consistent and effective sterilisation monitoring.
- ✓ Sterilisation Recall Policy & Procedure – Defining clear protocols to manage and mitigate risks associated with sterilisation failures.
- ✓ Proper Management of Loaner Instruments & Implants – A 10 step guide to improving processes, handling, and monitoring to ensure compliance and patient safety.

We endorse these critical frameworks to strengthen global sterilisation practices. Together, we can drive meaningful improvements in patient safety and infection prevention.

#SterilisationQuality #PatientSafety #MedicalStandards #SterilisationMonitoring #ImplantLoad #LoanerInstruments #HealthcareInnovation

Introducing Sterilisation Consensus Documents

Strengthening infection prevention, risk management, and patient safety.

- ✓ Consistent sterilisation checks
- ✓ Clear recall protocols
- ✓ Safe loaner instrument handling





BRING THE
STERILIZATION SCIENCE
TO THE NEXT LEVEL
將滅菌科學提升到新水平

26TH WORLD STERILIZATION CONGRESS

3RD TO 6TH
DECEMBER
2025

HONG KONG
ASIAWORLD-EXPO
亞洲國際博覽館



欢迎到到香港
谢谢您！

