

探秘消供·共筑健康 | 我院消毒供应中心“世界灭菌科学日”开放日活动圆满举办

Exploring CSSD, Building Health Together

Hubei Provincial Hospital of Integrated Chinese & Western Medicine held the Open Day for the International Day of Sterilisation Sciences

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为进一步夯实医院感染防控根基，强化全院医疗质量安全管理，在4月10日“世界灭菌科学日”来临之际，湖北省中西医结合医院消毒供应中心首次举办了以“探秘消供·共筑健康”为主题的开放日活动。

To further strengthen hospital infection prevention and control and improve the quality of healthcare services, the CSSD of Hubei Provincial Hospital of Integrated Chinese & Western Medicine held its first Open Day event on April 10, in celebration of the International Day of Sterilisation Sciences. The event was themed “Exploring CSSD, Building Health Together.”

本次活动创新采用“游园式工作坊”模式，邀请院领导、质控中心、医院感染管理科、医学装备部、护理部，以及部分外科科室主任、护士长共同参与。大家走进消毒供应中心各功能区域，沉浸式体验复用医疗器械从临床使用后的预处理，到消毒供应中心全流程规范处置的闭环管理全过程，着力打破科室间沟通壁垒，凝聚全院医疗安全防控合力。

The event adopted an interactive format, bringing together hospital leadership, the quality control center, the hospital infection control department, the medical equipment department, the nursing department, as well as directors and head nurses from surgical departments. Participants entered different functional areas of the CSSD and observed the reprocessing of reusable medical devices—from point-of-use pre-treatment in clinical departments to standardized reprocessing in the CSSD. The aim was to break down barriers and strengthen collaboration in infection prevention and control.



启动仪式—擘画安全蓝图

Opening Ceremony — Setting the Vision for Patient Safety

活动启动仪式上，王桂平副院长致辞。立足医院高质量发展与医疗安全大局，他强调：消毒供应中心是院感防控的关键阵地，也是医疗质量的核心枢纽，其工作质量直接关系到患者诊疗安全与医院整体质控水平。

At the opening ceremony, Vice President Wang Guiping delivered a speech. From the perspective of high-quality development and healthcare safety, he emphasized that the CSSD is a key department in infection prevention and control and a core hub of hospital quality management, with its performance directly affecting patient safety and medical quality assurance.

依托“世界灭菌科学日”举办此次活动，旨在畅通科室交流渠道，凝聚全员防控共识。他要求各科室严守操作标准、抓实精细管理、强化全程质控，各职能部门及临床科室同向协作、联动发力，构建全院共管共治的院感防控格局，筑牢医疗安全底线。

He noted that this event was designed to enhance communication across departments and build a shared understanding of infection prevention and control. He called on all departments to strictly follow operational standards, strengthen refined management, and reinforce full-process quality control, while working in coordination across clinical and administrative departments to build a hospital infection control system and ensure patient safety.



全流程“解密”——揭开消供的“神秘面纱”

Inside the CSSD: Breaking Down the Full Workflow

“原来一把器械，需要经过这么多流程才能重新上手术台！”

“I never realized a surgical instrument has to go through so many steps before returning to the operating room.”

开放日现场，消毒供应中心的业务骨干化身“讲解员”，带领参观人员沿着回收、分类、清洗、消毒、干燥、检查保养、包装、灭菌、储存、发放及追溯管理的全流程路线，逐一解密每一个环节。

On site, experienced CSSD staff guided participants through the entire reprocessing procedures: collection, sorting, cleaning, disinfection, drying, inspection and maintenance, packaging, sterilization, storage, distribution, and traceability management.



目测检查、光源放大镜、管道镜、绝缘检测仪，工作人员正在对每一把器械进行检查——从轴节灵活度到绝缘层完好性，从刃口锋利度到管腔清洁度，任何一个微小的瑕疵都逃不过他们的眼睛。

Using visual inspection, illuminated magnifiers, borescopes, and insulation testers, staff demonstrated how each instrument is carefully examined. From joint flexibility and insulation integrity to blade sharpness and lumen cleanliness, even the smallest defects can be detected.

“以前只知道器械需要冲洗、灭菌，没想到每一把都要经过这么细致的‘体检’。”一位外科主任感慨道。

A surgical department director commented, “We knew instruments were cleaned and sterilized, but we had not realized how meticulous each inspection process is.”



在灭菌区，工作人员现场演示了压力蒸汽灭菌器和过氧化氢低温等离子灭菌器的操作流程，并讲解了物理、化学、生物三大监测手段如何层层把关，确保每一次灭菌合格。

In the sterilization area, staff demonstrated the steam sterilizer and hydrogen peroxide low-temperature plasma sterilizer, and explained how physical, chemical, and biological monitoring work together to ensure that each sterilization cycle meets quality standards.

“眼见为实”——这是许多参观者给出的第一反馈。通过现场观摩，大家第一次真正理解了“幕后英雄”四个字的分量。

For many participants, this was the first time truly understanding the value of those working behind the scenes.





沉浸体验—从“看客”变“主角”

Immersive Experience — From Observer to Participant

在观摩中，精心安排了沉浸体验环节——亲手操作，亲身体会。

To enhance engagement, an interactive session was arranged.

在工作人员的指导下，参观者尝试使用 ATP 荧光检测仪对清洗后的器械进行表面残留物检测。当屏幕上跳出“合格”的数值时，参观者忍不住感叹：原来“清洗”是可以被量化的！

Under staff guidance, participants used ATP handhelds to evaluate residual contamination on cleaned instruments. When “qualified” results appeared on the screen, many participants were surprised that cleanliness can be quantitatively measured.

最受欢迎的环节，当属“纸塑封包挑战环节”。

The most popular session was the pouch packaging challenge.



工作人员讲解演示完成后，参观者们轮流上阵，亲自完成一个完整的纸塑包装。

After demonstration by staff, participants carried out the full packaging process on their own.

“看起来简单，做起来才发现不容易！”一位护士长在尝试后感叹，“封口的时候手一抖，纹路就不均匀了。这活儿真的需要耐心和手感。”

“It looks simple, but it requires real skill,” said one head nurse. “Even small movements can affect the seal. It really demands precision and patience.”

另一位主任则对着自己封好的袋子仔细端详：“以前在手术室拆开纸塑袋从来没想过，原来封口还有这么多讲究——距离、温度、纹路，每一步都有标准。”

A department director examined a finished pouch he had sealed and noted, “We use these sterile packs every day in surgery, but we had never realized how many technical details are involved in sealing—such as distance, temperature, and pattern.”

“小小的包装袋，藏着大大的学问。”这是当天许多参观者的共同感悟。

“Small pouches carry a great deal of knowledge,” became a shared reflection among many participants that day.

通过亲手操作，参观者们不仅体验了消供工作的技术含量，更深刻认识到：每一个看似简单的环节背后，都有一套严谨的科学逻辑。一把无菌的器械，凝结的是标准、规范、严谨、进取、奉献的消供精神。

Through practice, participants not only experienced the technical expertise involved in CSSD work, but also gained a deeper understanding that every sterile instrument represents strict standards, precision, continuous improvement, and dedication.

座谈交流—凝聚共识，共筑防线

Discussion Session — Building Consensus for Safer Practice

活动尾声，王桂平副院长带领各职能部门、临床科室主任及护士长，与消供团队进行座谈交流。

In the end, Vice President Wang Guiping led a discussion with department heads, head nurses, and CSSD staff.

围绕完善联动机制、精进灭菌质控、做实全流程院感管理等方面，参观人员深入研讨了复用器械预处理、回收、交接等环节的优化措施，着力健全复用器械的闭环管理机制，畅通科室沟通协作渠道。

Participants discussed improvements in interdepartmental coordination, sterilization quality control, and full-process infection management. Key topics included optimization of pre-treatment, collection, and handover procedures for reusable instruments, as well as strengthening closed-loop management and communication systems.

结合国家医疗质量提升专项部署，大家一致认为：复用器械规范化处置，是降低手术感染风险、保障医疗安全的关键环节，需要全院统筹联动、共同履职。

In line with national healthcare quality improvement initiatives, participants agreed that standardized reprocessing of reusable instruments is essential for reducing surgical infection risks and ensuring patient safety, requiring coordinated efforts across the hospital.

以开放促理解，以协作护安全

Promoting Openness, Strengthening Collaboration for Safety

本次开放日搭建了临床与消毒供应中心双向沟通的桥梁，充分展现了我院消毒供应中心的专业素养与严谨质控作风。

医院将以此次活动为契机，持续抓实复用器械全流程管理，深化多科室协同机制，以严实质控管理，赋能医院高质量内涵发展。

幕后，亦是前线。

每一把器械的背后，都是对生命的庄严承诺。

This Open Day provided an effective communication platform between clinical departments and the CSSD, fully demonstrating the professionalism and rigorous quality management standards of the CSSD team. Going forward, the hospital will further strengthen full-process management of reusable instruments, enhance interdepartmental collaboration, and continuously improve its quality control system, thereby supporting high-quality development.



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