

科学灭菌·无菌护航·开放“供”赢
Scientific Sterilization • Ensuring Safety • Open CSSD, Shared Excellence
南京鼓楼医院消毒供应中心举办第十届世界灭菌科学日主题开放日
10th International Day of Sterilisation Sciences: CSSD Open Day Event Held at the
Nanjing Drum Tower Hospital

2026年4月10日是第十届世界灭菌科学日，今年主题为科学灭菌·无菌护航·开放“供”赢。为普及灭菌科学知识、筑牢医院感染防控防线、增进多学科协同，南京大学医学院附属南京鼓楼医院消毒供应中心举办主题开放日活动，邀请临床科室代表、护理骨干及相关职能部门人员走进“医院无菌物品生产车间”，近距离探秘器械从污染到无菌的全流程，感受医疗安全“隐形生命线”的硬核守护。

April 10, 2026 marks the 10th International Day of Sterilisation Sciences, with this year's theme, "Scientific Sterilization • Ensuring Safety • Open CSSD, Shared Excellence," emphasizing the role of sterilization science in supporting patient safety. To celebrate, the Central Sterile Supply Department (CSSD) of Nanjing Drum Tower Hospital (The affiliated Hospital of Nanjing University Medical School), organized an Open Day event aimed at raising awareness of sterilization practices, strengthening infection prevention and control, and promoting interdisciplinary collaboration. Clinical staff, nursing leaders, and representatives from relevant departments were invited to visit the CSSD and follow the reprocessing procedures of reusable medical instruments—from contamination to sterility—gaining insight into the systems that support patient safety.

消毒供应中心是医院感染防控的关键环节，承担全院复用器械与耗材的回收、清洗、消毒、检查、包装、灭菌、储存与发放工作，是守护患者安全的“隐形战场”。这里的工作人员被称为离细菌最近的人，也是无菌防线的“守门人”，以标准化、规范化、可溯源的全流程管理，确保每一件器械安全合格、每一次供应精准及时。

The CSSD plays a central role in hospital infection prevention, responsible for the reprocessing of reusable medical instruments and devices, including collection, cleaning, disinfection, inspection, packaging, sterilization, storage, and distribution. CSSD staff work at the frontline of instrument reprocessing, playing a key role in maintaining the sterile barrier. Through standardized and traceable processes, they ensure that all items are safe for clinical use in a timely manner.

开放日现场，在科室负责人与专业技术人员引导下，进行了有仪式感的入场签名仪式，之后大家依次参观去污区、检查包装灭菌区、无菌物品存放区三大功能区域，沉浸式观摩器械“洁净蜕变”全过程。

This event began with a sign-in ceremony led by CSSD staff. Participants were then guided through the three functional areas of the CSSD: the decontamination area, the inspection, packing & sterilization area, and the sterile storage area.

在去污区，大家详细了解污染器械回收分类、机械清洗与手工精洗、消毒干燥等操作规范，直观感受无菌保障第一道关口的严谨细致。

In the decontamination area, participants observed the collection and sorting of contaminated instruments, as well as the processes of mechanical and manual cleaning, disinfection, and drying. The session emphasized the importance of this first stage of reprocessing in preventing infection.



在检查包装及灭菌区，工作人员讲解精密器械检查保养、规范包装技巧、灭菌监测技术与质量控制要点，演示压力蒸汽灭菌、低温灭菌等核心流程，展示包内、包外灭菌指示物变化，让抽象标准变得可看、可感、可懂。

In the inspection, packing and sterilization area, staff introduced inspection and maintenance for complex instruments, standardized packaging techniques, sterilization monitoring methods, and key quality control requirements. Core processes, including steam and low-temperature sterilization, were demonstrated alongside the color changes of chemical indicators placed inside and outside sterilization packs, helping participants better understand how sterilization quality is verified.

在无菌物品存放区，大家了解无菌物品储存条件、效期管理、追溯系统与发放流程，体会“每一包都放心、每一件可追溯”的管理要求。

In the sterile storage area, participants learned about storage conditions, shelf-life management, traceability systems, and distribution processes for sterile items, and gained a clear understanding of the management principle that ensures every package is reliable and fully traceable.



活动结束后，与会者普遍表示，通过本次开放日活动，他们深切体会到消毒供应中心所展现的专业性、精细度与责任感，对科学灭菌及医院感染防控形成了更系统的认识。未来，各方将进一步深化协作、同心协力，共同保障医疗质量与患者安全。本次活动在与会者愉快的交流中圆满结束。

At the end of the visit, participants expressed a deeper understanding of the professionalism and responsibility involved in CSSD. The Open Day helped strengthen awareness of sterilization science and infection prevention, while fostering closer interdisciplinary collaboration. Moving forward, all parties will continue to enhance communication and cooperation to jointly ensure healthcare quality and patient safety. The event concluded in a positive atmosphere.

