

做医疗机构消毒灭菌的“质量守门人” | 成都市消毒协会成功举办第十届世界“世界灭菌科学日·消供开放日”特色公益活动

Supporting Quality and Safety in Healthcare Sterilization Chengdu Disinfection Association Hosts the 10th International Day of Sterilisation Sciences & CSSD Open Day Event

灭菌科学，守护生命防线；精准检测，筑牢安全屏障。2026年4月10日，我们迎来了第十届世界灭菌科学日。为深入普及灭菌科学知识，强化医疗机构消毒灭菌质量管控，切实提升院感防控水平，由成都市消毒协会主办，成都产品质量检验研究院有限责任公司、四川省产品质量监督检验检测院、成都市产品质量监督检验研究院承办，中国卫生监督协会消毒与感染控制专业委员会基层医疗机构消毒供应专业工作组协办的“世界灭菌科学日·消供开放日”特色公益活动在成都龙泉驿区圆满成功举办。活动以“精准检测，透视风险——做医疗机构消毒灭菌的‘质量守门人’”为主题，吸引了来自医疗机构、企业及相关领域的40余名代表参加。

Sterilization science is fundamental to patient safety, while precise testing ensures consistent and reliable healthcare outcomes. On April 10, 2026, the 10th International Day of Sterilisation Sciences was marked with a public outreach event held in Longquanyi District, Chengdu. The event, themed “Precise Detection and Risk Projection in Healthcare Sterilization,” was organized by the Chengdu Disinfection Association, hosted by Chengdu Institute of Product Quality Inspection Co., Ltd., Sichuan Institute of Product Quality Supervision and Inspection, and Chengdu Product Quality Supervision and Inspection Institute, with support from the CSSD Working Group for Primary Healthcare Institutions of the Disinfection and Infection Control Professional Committee of China Health Inspection Association. The event aimed to promote understanding of sterilization science, strengthen quality control in healthcare disinfection and sterilization, and enhance infection prevention and control practices. More than 40 representatives from healthcare institutions, industry, and related fields attended.



活动启幕：聚焦灭菌质量，共担防控之责
Opening: Sterilization Quality and Shared Responsibility



活动伊始，成都产品质量检验研究院有限公司副总经理傅敬伟发表致辞，对本次公益活动的举办表示热烈祝贺，强调了灭菌检测在医疗安全中的核心作用，以及检验机构在守护灭菌质量、防范院感风险中的责任与担当，为活动拉开了序幕。

At the start of the event, Fu Jingwei, Deputy General Manager of Chengdu Institute of Product Quality Inspection Co., Ltd., delivered opening remarks. He highlighted the importance of sterilization testing in patient safety and emphasized the role of testing institutions in maintaining quality and reducing infection risks.



随后，成都市消毒协会副秘书长卢杰发表讲话。他指出，消毒灭菌质量直接关系到医疗安全与患者健康，是医院感染防控的关键环节。协会将持续发挥桥梁与平台作用，积极推进行业标准落地、深化技术交流、促进行业质量共治，并通过举办公益活动等方式，普及灭菌科学知识，推动消毒灭菌行业向着更规范、更专业的方向发展，共同筑牢医疗安全防线。

Afterward, Lu Jie, Deputy Secretary-General of the Chengdu Disinfection Association, delivered remarks. He emphasized that the quality of disinfection and sterilization is closely linked to patient safety and infection prevention in healthcare settings. He said the association will continue to serve as a platform for coordination and exchange within the industry, supporting the implementation of standards and facilitating technical communication among stakeholders. It will also promote public understanding of sterilization science through outreach activities and contribute to more standardized and professional practices in the field.

专业分享：从标准解读到技术前沿

Presentations: Standards and Emerging Technologies



在专题报告环节，成都产品质量检验研究院有限责任公司高级工程师王维维作了题为《检验检测机构能力与服务内涵解析——典型案例分享》的报告。他从本次公益活动主题切入，层层深入讲解了检验机构的选择要点——重点剖析了虚假检测报告的潜在危害，明确了合规检验机构的选择标准；同时详细解读了灭菌检测的标准规范与全流程要点，结合典型案例，让参会人员直观感受灭菌检测的严谨性与重要性，为医疗机构规范开展消毒灭菌检测提供了实用指导。

In the presentation session, Wang Weiwei, Senior Engineer at Chengdu Institute of Product Quality Inspection Co., Ltd., delivered a presentation titled "Capabilities and Service Scope of Testing Institutions: Case Studies." He outlined key considerations in selecting testing institutions, with particular attention to the potential risks associated with falsified test reports and the criteria for identifying compliant and qualified providers. He also provided a detailed interpretation of standards and key steps across the sterilization testing process. Through selected case studies, he illustrated how testing is conducted in practice and how results are verified, providing participants with a clearer understanding of the testing process and its application in healthcare settings.



张一宁，以《灭菌检测技术的新科技：更准，更快，更智能》为题，聚焦行业前沿，分享了全球范围内灭菌监测技术的最新进展，为参会人员开拓了行业视野，也为医疗机构提升消毒灭菌管控效率提供了新的思路。

Zhang Yining gave a presentation titled “New Technologies in Sterilization Monitoring: More Accurate, Faster, and Smarter.” Focusing on emerging trends in the field, he shared recent global developments in sterilization monitoring technologies. His presentation broadened participants’ perspectives on industry innovation and offered new insights for improving the efficiency of sterilization and disinfection management in healthcare settings.

互动交流：专家共话，答疑解惑
Discussion: Expert Insights and Q&A



专家面对面交流讨论环节，现场氛围热烈高涨。参会人员围绕灭菌检测实践中的难点、疑点，结合自身工作经验，与专家们展开深入探讨，专家们耐心答疑解惑，针对性地给出解决方案，现场互动频繁、干货十足，切实解决了参会人员在实际工作中遇到的问题，达到了相互学习、共同提升的目的。

In the discussion session, the atmosphere was lively and interactive. Participants raised practical questions and challenges encountered in sterilization testing, sharing their own experience and engaging in discussion with the experts. The experts provided detailed responses and offered targeted solutions to specific issues. The discussion focused on real-world practice, allowing participants to clarify their questions and gain practical insights for their daily work.

实地参观：走进实验室，见证检测力量

Site Visit: Inside the Testing Laboratory



活动最后，参会代表分组参观了成都产品质量检验研究院有限责任公司的国家包装产品质量检验检测中心与环境监测中心。首次打破壁垒，把医院消毒供应专业人员请进国家级质检实验室，让“使用端”与“检测端”面对面。现场展示了“更准、更快、更智能”的灭菌检测新技术，技术赋能用科学手段把风险透视在萌芽之前。在工作人员的专业讲解下，大家近距离了解了各类灭菌检测设备的工作原理、操作流程，直观感受了检验机构严谨的检测流程和专业的技术实力，对灭菌检测的科学性、规范性有了更深刻的认识。

At the end of the event, participants visited the National Quality Inspection and Testing Center for Packaging Products and the Environmental Monitoring Center of Chengdu Institute of Product Quality Inspection Co., Ltd. in groups. This was the first time CSSD professionals were invited into a national-level testing laboratory, enabling direct interaction between healthcare practitioners and testing institutions. The demonstration highlighted new advances in sterilization monitoring technologies, focusing on improved accuracy, speed, and intelligence. These technologies enable earlier identification of potential risks through scientific and data-driven approaches. Through explanations provided by technical staff, participants gained firsthand

understanding of the principles and operations of sterilization testing equipment, as well as how strictly controlled laboratory testing is conducted.

本次“世界灭菌科学日·消供开放日”公益活动，既是对第十届世界灭菌科学日的积极响应，也是成都市消毒协会履行行业责任、普及灭菌科学知识的具体实践。活动通过专业分享、现场研讨、实地参观等形式，不仅普及了灭菌科学知识，强化了参会人员的质量管控意识，更搭建了行业交流协作的桥梁，为提升医疗机构消毒灭菌质量管控水平、筑牢院感防控防线奠定了坚实基础。灭菌虽在“幕后”，却关乎患者生命安全的前线。我们希望通过开放日，让“看不见的灭菌”变成“看得见的守护”，让质量风险无所遁形。

This public outreach event was held in response to the 10th International Day of Sterilisation Sciences and served as a practical initiative by the Chengdu Disinfection Association to fulfill its professional responsibilities and promote awareness of sterilization science. Through presentations, discussions, and laboratory visits, the event helped improve participants' understanding of sterilization science and strengthen awareness of quality management. It also provided a platform for communication and collaboration across the industry, contributing to the improvement of sterilization quality management in healthcare institutions and supporting infection prevention and control practices. Although sterilization processes are not directly visible in clinical care, they play a critical role in patient safety. The event aimed to make these processes more visible and improve understanding of how quality risks are identified and managed.

灭菌无小事，安全大于天。未来，成都市消毒协会将继续发挥行业引领作用，联合各方力量，举办更多形式多样、内容务实的活动，持续普及灭菌科学知识，用精准检测守护每一把器械，用透明开放筑牢院感防线，推动消毒灭菌行业高质量发展，带动更多从业者践行“质量守门人”的责任与使命，共同守护医疗安全，为人民群众的健康保驾护航！

Sterilization is a critical step in infection prevention, with direct implications for patient safety. Looking ahead, the Chengdu Disinfection Association will continue to support industry development by working with relevant partners to organize practical and focused activities. It will further promote awareness of sterilization science and encourage the use of reliable testing and transparent practices to strengthen infection prevention and control in healthcare settings. The association will also support continued improvement in professional standards and help advance safer practices across the field, contributing to healthcare and public health.

本次活动特别鸣谢：成都产品质量检验研究院有限责任公司、四川省产品质量监督检验检疫院、成都市产品质量监督检验研究院对本次活动的大力支持！

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