

## Exploring the "Behind-the-Scenes Battlefield" of Medical Safety

—Dali Bai Autonomous Prefecture Maternal and Child Health Hospital's Comprehensive Party Branch and Disinfection Supply Center Jointly Host "Sterilization Science • Protecting Health" Open Day Event

To uphold the CPC's leadership in promoting development, popularize sterilization science knowledge, enhance medical safety awareness, and promote the safety and effectiveness of sterile supply, the Dali Bai Autonomous Prefecture Maternal and Child Health Hospital's Comprehensive Party Branch and Disinfection Supply Center jointly held an open day event themed "Sterilization Science • Protecting Health" on April 10, 2026, coinciding with "World Sterilization Science Day." The event invited hospital leaders and representatives from relevant departments to visit the "behind-the-scenes battlefield" of medical safety—the Central Sterile Supply Center—to explore the scientific mysteries of instrument reprocessing firsthand.



**On-site visit to witness professional processing.** Guided by CSSD staff, visitors toured the Decontamination Area, Packaging and Sterilization Area, and Sterile Storage Area, gaining a detailed understanding of each area's functions, equipment, quality control points, and the application of the tracking system. By observing the entire process of medical device from collection to storage and distribution, everyone directly experienced the rigor and professionalism behind each step.



**Experience the details through interactive activities.** The event showcased the complete processes of pulsed vacuum sterilizers, hydrogen peroxide low-temperature plasma sterilizers, and ethylene oxide sterilizers. It also included detailed explanations of the cleaning and sterilization section of a popular science series on precision instrument handling, as well as the correct sterilization methods for instruments made of different materials. Visitors also experienced key operational steps such as instrument inspection and shrink-wrapping, gaining a firsthand understanding of the rigorous requirements for meticulous and standardized management within the Central Sterile Supply Department (CSSD).



**Discussions and Q&A Sessions:** Following the visit, under the guidance of hospital leaders, the CSSD held a discussion with representatives from administrative, clinical, and medical technology departments. They delved into challenging issues such as instrument handover, emergency supplies, and precision instrument handling, providing on-site answers to questions and further facilitating collaboration.



This open day event built a bridge of communication between the CSSD and clinical departments, effectively enhancing mutual understanding and trust. Participants also gained a deeper understanding of the crucial role of the CSSD in the medical safety system. In our next phase of work, we will adhere to a correct view of performance, strengthen our commitment to practical work and responsibility, uphold the quality philosophy of "serving with heart and supplying with love," develop new types of productivity, optimize processes, innovate management and control models, and continuously improve our service capabilities and management level. We will take concrete actions to complete sterilization scientifically, safeguard health, and serve the people.

(Yang Xinglin, Party Branch of Dali Bai Autonomous Prefecture Maternal and Child Health Hospital and CSSD)