

**Dedicated to Sterile Supply and Welcome to Sterilization
Activities in Lufeng People's Hospital on the "International
Day of Sterilisation Sciences"**

No more flowers can be seen in the fourth moon, woe!

But here in the mountains I find peach blossoms grow.

Quotes from *Peach Blossoms in the Dalin Temple* by Bai Juyi, a poet from Tang Dynasty (772 A.D. – 846 A.D.)

In this April, the 6th International Day of Sterilisation Sciences comes. The CSSD in Yunnan Lufeng People's Hospital actively responded to the call of the World Federation for Hospital Sterilisation Sciences (WFHSS) and held the "CSSD Open Day" with the theme of "Dedicated to Sterile Supply and Welcome to Sterilization" at 14:00 on April 8th. More than 30 people attended the event, including the vice dean, the director of nursing department, the director of infection, prevention and control department, the director of operating room, general surgery department, orthopedics department, obstetrics and gynecology department, otolaryngology department, neurosurgery department, thoracic surgery department and ophthalmology department, as well as the head nurse and technicians.

Staff in CSSD prepared this event with enthusiasm. They redesigned the introduction of CSSD, made displays, signature walls and scrolls, and prepared a message board. On the day of event, staff welcomed guests at the entrance of CSSD and guided them to sign in, which was satisfying.



Before the event started, the Head Nurse Pan Jinmei firstly explained the working procedure of standardized reprocessing of reusable medical devices in CSSD, related scientific knowledge as well as the latest concepts through slides. Her presentation includes a brief introduction of CSSD, its layout, working procedures and equipment required. The CSSD is responsible for collecting, cleaning, disinfection, packaging and sterilization of reusable medical devices in hospital, as well as the supply of various sterile items, guaranteeing the safety quality of health care. Because of its completely closed working environment, people barely know about the CSSD. While at this day, people were allowed to enter it to feed their curiosity.



Then, visitors raised some questions. Without directly answering their questions, they were required to dress in personal protective equipment and visited the CSSD under the guidance of instructors. Through the live demonstration of 10 processes, visitors had a better understanding of CSSD.

The first area they visited is the decontamination area, where all kinds of contaminated instruments and items are cleaned. Tian Rongrong introduced the process of collecting, classifying, cleaning, disinfection and drying of reusable instruments, and elaborated and demonstrated the working principles and procedures of multi-chambers and pulse vacuum washers: instruments should first be disassembled before they are sent into the washers and its parts should be put in the container to prevent loss. Then is the effective pre-cleaning of instruments. Pay additional attention to instruments that fail to finish pre-cleaning and those with special structures. The last step is to ensure that items to be cleaned are in maximum contact with the water flow when loading.



Visitors were impressed by the pre-treatment and realized that washers would not clean items completely unless they were treated properly. The staff in CSSD also demonstrated the cleaning of rigid endoscopic instruments, which were the main concern of the directors of surgery department.

Then they came to the inspection, packing and sterilization area. Pan Jinmei introduced the inspection, maintenance and packing of instruments after cleaning. She introduced the instruments and equipment in this area, and demonstrated the use of sealing machine as well as the inspection, maintenance and packing of delicate instruments and rigid endoscopes. Visual inspection and lighted magnifications should be used to verify the cleaning quality, function and performance of items. The two layers should be double checked. Chemical indicators should be put inside packs. If their color change fails, packs can't be used. There are also labels for identification outside the packages. If their color change fails, the packs can't be distributed. During the interaction session, some directors were

invited to check the “problematic” instruments. They successfully found out the root cause, and won the applause of others.



In the sterilization area, the staff introduced the sterilization principles, applications, monitoring methods and precautions of steam sterilizer, hydrogen peroxide low temperature sterilizer and low temperature steam with formaldehyde sterilizer.



In the dressing packing room, Zhuo Yanhong explained in detail and demonstrated the whole process of dressing recollecting, cleaning and disinfection.

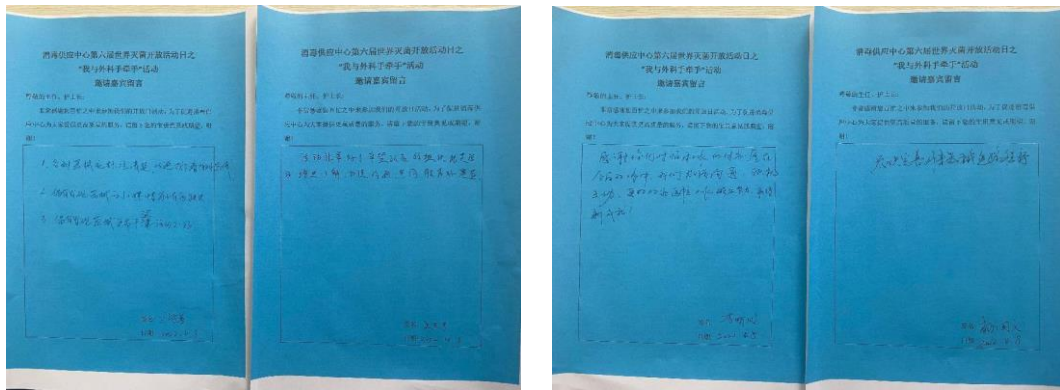
Visitors realized that dressings they used also required verification and two layers. Chemical indicators should be put into the packs, and if their color change fails, they can't be used.



In the sterile storage area, Qi Xiumei explained the storage conditions, quality inspection and distribution requirements of sterile packages. After that, the engineer of the traceability system manufacturer demonstrated the use of technical quality traceability system in daily work. The whole process from recollecting, cleaning and disinfection, inspection and packaging, sterilization, storage, to distribution of instruments and items is tracked and recorded. Only by doing every step well can we ensure the quality of disinfection and sterilization.



After the site visit, the director of the nursing department made a summary speech. The visitors communicated with staff in CSSD again and put forward their opinions and suggestions around the cooperation between the clinical sterilization and CSSD. They also wrote down their expectations on the message board.



Through this event, visitors experienced how contaminated devices become new and clean through a standardized process. They also recognized the meticulous attitude and professional skills of every staff. It not only enhanced the trust and understanding between departments, but also accumulated experiences for better clinical services. The CSSD will work hard to improve working qualities.

