

The International Day of Sterilisation Science in Zhoukou Central Hospital



In order to respond to the call of the World Federation of Hospital Sterilization Sciences (WFHSS), on April 9, 2022, the International Day of Sterilisation Science, the CSSD of Zhoukou Central Hospital opened doors to the whole hospital for the first time. In addition to promoting the standardized concept of device reprocessing through the hospital's electronic screen, we also invited 15 visitors, including director Liu Li from Nursing Department, Infection Prevention and Control Department and OR, to the CSSD to observe the medical instrument reprocessing, to understand the professional technology required by the CSSD, and to deepen mutual understanding and trust for better cooperation in the future.



Signed Session

The event began with great anticipation. Our team welcomed every visitor with enthusiasm. Since it was the first time that many visitors entered the CSSD, we set this signing session so that everyone could leave a beautiful memory of visiting the CSSD.





Welcome Session

On behalf of the whole department, the head nurse of the CSSD, Zheng Haoran, expressed warm welcome and thanks to the visitors from all departments. Zheng briefly introduced the purpose and meaning of this event, shared a video of the daily working process in the CSSD and showed the "extraordinary staff" in the CSSD.





Visiting Session



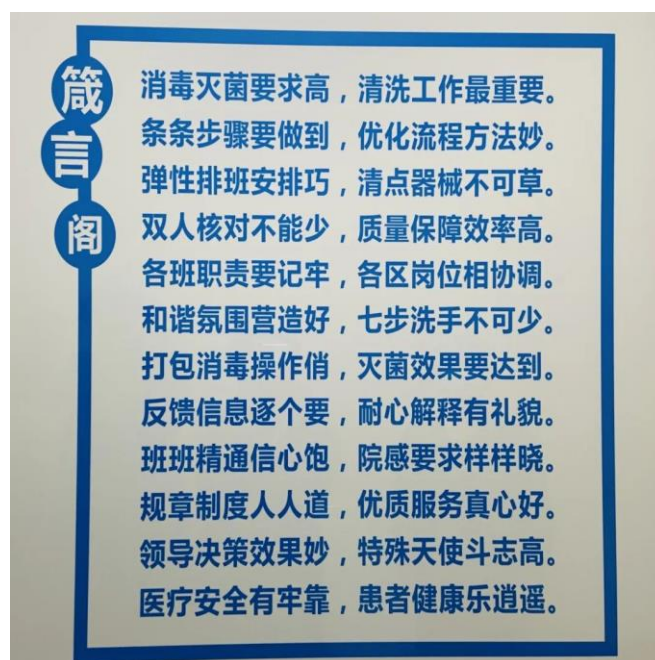
The Cultural Wall in the corridor of the department allows visitors to understand the culture and the core content of quality management in the CSSD.





Here, the head nurse also created the Proverbs for CSSD in the easily-understood words.

It not only summarizes the main points of work, but also is humorous and easy to remember.



Sterile Storage Area

In this area, we introduced the quality control of sterile items, including the

classification and placement of different types of surgical instrument packs and sterilized items, and distribution to the clinical departments. The sterilized items should be stored on racks in right size based on the requirements. Before distribution, the staff in CSSD should double check the information, and use chemical and biological monitoring methods to monitor the sterilized packs. The packs will not be distributed to clinical departments unless the monitoring results meet the criteria. If there are wet packs, people should not distribute them and should report to designated personnel according to the working procedure. We also stressed the strict requirements for the environment of the sterile storage area and the “event relevance” of sterile packs.



Inspection, Packing and Sterilization Area

In this area, we introduced the process of instrument inspection, packaging and sterilization, and different ways of sterilization. Visual inspection or lighted magnification should be used to verify the cleaning quality of cleaned and

disinfected items. Unqualified items should be returned to the decontamination area for re-cleaning. Instruments should be functionally intact, such as: scissors and needle holders should be closed without gaps, no loose screws, no blunt cutting edges. Instruments with stainless steel axial joints should be re-enforced for maintenance; special protective sleeves are used to protect precise and valuable instruments with tips; instruments with power supply should be checked for insulation performance. The staff in CSSD also performed a live demonstration.



Decontamination Area

In this area, we introduced the processing requirements and quality control points

of recovery, classification, cleaning, disinfection and drying contaminated instruments. We emphasized the special requirements for handling surgical instruments under the COVID-19, the importance of functional inspection of complex instruments before cleaning and the importance of cleaning different structures and contaminants of specialized instruments such as ventilator channels and planar devices. We also stressed the principles and applications of automatic washers.



The head nurse enthusiastically explained while answering the questions, and exchanged with the clinical departments on issues such as instrument pre-processing, cooperation in handling new items, and the length of time for handling emergency items.



The event was short and beautiful, and the whole process was relaxing and pleasant. People felt rewarding after this event. The CSSD will continue to improve the quality of instruments processing. This event not only increased the awareness of working in the CSSD, but also promoted the cooperation and communication between departments. The working efficiency of CSSD and patient safety is expected to enhance when other departments realize the importance of CSSD.

The staff of CSSD adheres to the core values of the Zhoukou Central Hospital: unity and cooperation, mutual care, being regardless of gains and losses, and selfless dedication. They firmly believe in working together to improve the processing quality and promote the patient safety by virtue of the instruments they processed.