

## International Day of Sterilisation Sciences

### Central Sterile Supply Department of The People's Hospital of Wenshan Prefecture

The World Federation for Hospital Sterilisation Sciences (WFHSS) designates April 10 as the International Day of Sterilisation Sciences, calling on the global CSSDs to open their doors and spread the knowledge on the reprocessing of reusable medical devices and related sterilization sciences.

It is a ritual and a demonstration of faith. Follow the sterilization sciences as always and celebrate the International Day of Sterilisation Sciences in spring blossoms.



7:50 on March 25, the head nurse and her colleagues of CSSD of The People's Hospital of Wenshan Prefecture warmly welcomed the visit of 30 healthcare professionals from 15 departments, including Operation Room, Pediatric Surgery Department and urology Department.



Signing the names on the board was full of sense of ritual and also tied the knots of mutual understanding and trust.



The tour mainly followed the workflow of instruments reprocessing in the three areas in the CSSD. The first stop was the Sterile Storage Area, where the CSSD staff introduced the inspection concerns and solutions to the instruments unloading, as well as the storage and distribution process of sterile items, and also demonstrated the modern intelligent logistics rail transportation system and precautions.



The second stop was the Inspection, packaging and Sterilization Area. The staff demonstrated the whole process of inspection and packaging of surgical instruments and endoscopic instruments on the spot. After seeing that how carefully the inspection, care and testing were performed on the instruments, everyone felt that it was beyond their daily imagination.



The last stop was the Decontamination area. The staff introduced the processing of various instruments after being returned to the decontamination area, according to the work process and layout of the department. The processing steps included the receiving, sorting out, classification and cleaning. We also introduced the receiving and disassembly of delicate instruments, endoscopic instruments and loaner instruments. Meanwhile, we explained the working procedures and precautions of various types of equipment in the department, such as vacuum cleaning machine, washer disinfectors and water treatment equipment.



At the same time, the activity also drew the attention of Wenshan TV Station and the reporter followed the visit throughout the whole process. The reporter interviewed the CSSD staff and the visitors from the clinical departments. This activity not only showed the work of CSSD to the clinical departments, but also showed the professionalism and standardization to the public and patients through the TV station.



This activity better strengthened the theoretical knowledge CSSD staff and enhanced the communication with the clinical departments. It would play a better role in promoting the efficient service for the clinical work and ensuring the safety of health care.



## **Introduction to Central Sterile Supply Department:**

### **Overview:**

The CSSD of our hospital is built in strict accordance with the relevant national standards. The building layout is reasonable and is divided into four areas: Offices and Living Area, Decontamination Area, Inspection, Packaging and Sterilization Area, and Sterile Storage Area. We adopt a centralized management mode and the CSSD is close to the Operating Room and the maternity wards. We have designed an independent dedicated passageway for contaminated instruments and the dedicated distribution passageway. The entire layout realizes that the items flow from dirty to clean without crossovers or backflow. The air flows from clean area to dirty area. The working areas are separated by physical barriers with a buffer area for staff to enter and exit and a passage for the delivery of items.

We 24 staff, including 3 deputy chief nurses, 1 nurse in charge, 11 senior nurses, 8 nurses and 1 senior technician.

### **Main jobs:**

The CSSD is responsible for the cleaning, disinfection, sterilization and supply of various reusable diagnostic and treatment instruments, utensils and items in the hospital, and implements centralized management of the reusable medical instruments (including the rigid endoscopes and some flexible endoscopes) and the loaner instruments



that need to be disinfected or sterilized from all the clinical departments of the hospital to ensure the quality and safety of patient care.

**Fully-equipped facilities and equipment:**

5 sets of washer-disinfectors, 2 ultrasonic cleaners, 2 medical drying cabinets, 1 medical boiling disinfectant, 3 low-temperature hydrogen peroxide plasma sterilizers, 1 ethylene oxide sterilizer, 1 water treatment system, 1 set of traceability system, 4 pre-vacuum steam sterilizers, 1 automatic endoscope reprocessors, 2 sets of multi-functional cleaning stations, and 1 acidic electrolyzed oxidizing water generator.