

## **Focusing on Instrument Safety and Protecting Life and Health**

—————2022 International Day of Sterilisation Sciences activity was successfully held in

### **Xinxiang Central Hospital**

The World Federation for Hospital Sterilisation Sciences (WFHSS) designates April 10th 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. In response to the call of WFHSS, on April 7th, 2022, Xinxiang Central Hospital CSSD held an activity with the theme of "Focusing on Instrument Safety and Protecting Life and Health".

The vice-dean Zhu Zhenjun, Wang Qianqing, and more than 30 visitors including directors, doctors and head nurses from functional departments and other clinical departments were specially invited to walk into the Xinxiang Central Hospital CSSD and to start visit and communicate with each other.





On behalf of all the colleagues in CSSD, the CSSD head nurse Wang Sufang extended a warm welcome to the deans, directors and other head nurses, and introduced the general information, cultural connotation, current situation and workflow of the CSSD by showing a PowerPoint. Later, she led the visitors to the working area for visiting and communication.



The first is Inspection, Packing and Sterilization Area where the skilled staffs care, inspect, and pack the clean and disinfected loaner instrument with double-layer wrapped packaging material. Zhao Yumei explained in detail about the requirements for instruments entering the packing area, how to conduct quality inspection after cleaning, how to select packaging materials, packaging methods and how to correctly select sterilization cycle for different types of instruments. From inspection, care, assembly, packaging to sterilization, every instrument and every single detail demands our attention.





Instrument insulation testing is one of the important inspections for electrosurgical instruments. Localized burns inside the patient's body may occur if the instrument insulation is damaged or if a short circuit happens. Two professionals from endoscopy group explained and demonstrated the function and use of the insulation detector, and guided the visitors to operate on the spot to find the damaged area on the instrument.



Sterilization operator Yuan Pingping explained the sterilization requirements of loading loaner instruments, the observation of the sterilization process, how to monitor the sterilization and its acceptance criteria, meanwhile, she also discussed with visitors and answered their questions. In terms of standardized operations, traceability and quality monitoring, Dean Zhu kindly raised some questions and put forward his suggestions and guidance.



In the Sterile Storage Area, Wang Juan explained the storage, monitoring and distribution process of sterile items, and explained in detail about the identification of unqualified sterile packages and wet packages. Also, she introduced the correct use of OR-CSSD dedicated clean elevator and the logistics transport system of clinical departments.



In the Decontamination Area, Ren Ran explained the equipment, facilities, functional division of the area and detailed working procedure of this area. A special booth and the water quality test demo gave visitors a comprehensive understanding of the classification and disassembly, cleaning, maintenance and quality monitoring of the instruments.





Jin Liyan, a nurse specialized in loaner instruments processing, explained the process of receiving, counting, classifying, cleaning, disinfecting and drying loaner instruments as well as the difficulties and precautions in the reprocessing. Our attention to the details reflects our care to the patient.



Visitors were impressed when they saw dozens of instruments were processed by staffs. Each procedure is standardized and meticulous.

The CSSD prepared a video to show their working procedures of loaner medical devices. Visitors were able to understand the information traceability system in the CSSD, and how it manages the collecting, sorting and cleaning, disinfecting, packaging, and distributing of loaner foreign medical packages and their use on patients.



At the end of this activity, Vice Dean Zhu Zhenjun and Wang Qianqing gave a closing speech. They expressed their appreciation for the professional and rigorous work of CSSD, which is an important department of hospital infection control and an important part to ensure medical care. We hope that in the future, all departments will give full understanding and support to the CSSD, strengthen collaboration and communication, enhance mutual trust, and jointly ensure patient safety.

Wang Qianqing gave full recognition and support to this activity and suggested that more activities of this kind should be carried out in the future to let more colleagues in the hospital



understand the professional, standardized and scientific sterilization supply center and to promote communication and trust between departments. At the same time, she also put forward higher requirements and expectations for the CSSD, and the staff should further refine their working process, improve working quality, keep up with the development of medical technology, and improve the proficiency of staff.

Thanks for your recognition and support of this event. In response to the problems raised by clinical departments, we will continue to work hard, innovate and improve our proficiency. The standards will be implemented as always with integrity and professionalism. CSSD will ensure the quality of sterile items in every step and provide high-quality services and safety for the whole hospital.