

Hama Medical Improves Patient Care with Enhancements to Low Pressure Drainage System



"Over the last months, the SD-2001 has gained a favorable reputation in the minds of our users. The Colder couplings not only ensure safety for the patients, but make the system much easier to use for medical personnel."

– Yoshiro Sato, General Manager of the Technical Department at Hama Medical

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Opportunity

During chest or gastro-intestinal drainage, time is of the essence. To maintain high quality patient care, medical personnel need to minimize the time spent adjusting medical equipment during critical procedures. Hama Medical is the developer of the Servo-Drain SD-2001, a low pressure-maintained drainage system used for chest and gastro-intestinal drainage. With its ongoing commitment to patient care, Hama Medical wanted to streamline and ease the operation of its system. With the existing system, tubes could only be disconnected by utilizing a tube remover or forceps, making the process of changing waste chambers laborious and cumbersome.

Solution

To address Hama Medical's needs, Colder Products Company recommended a disposable, plastic in-line connection for installation on the system's waste bottles and associated tubing. The SD-2001 is now equipped with two units of a Colder Products disposable, quick connect medical plastic coupling. The couplings are critical to the safe operation of the system and provide ease of handling.

In order to avoid the misconnection of tubing to the incorrect chamber, the new couplings provide a clever solution. For the waste chambers, the coupling insert is on the chamber and the coupling body is connected to the tube. For the sealing chamber, this is reversed with the coupling body on the chamber and the coupling insert attached to the tubing. As a result, the tubing can only connect with the correct chamber with misconnections automatically averted.

Results

With Colder's connections, medical staff can quickly and easily change waste bottles during chest drainage. The connection's quick disconnect thumb latch enables the waste bottles to be easily attached and detached from the tubing.

The company's recent design modifications to its low-pressure drainage systems have led to improvements in the care of patients undergoing drainage procedures. These design changes prevent distractions of medical personnel in critical care situations. Colder's quick disconnect couplings help ease operations and prevent misconnections during these crucial medical procedures.

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