

5 Steps That Enhance Preventive Maintenance for Infusion Pumps

1. Provide clinician education to reduce infusion pump damage.

Training should include cleaning, disinfection, device inspection, removing and reporting compromised equipment, and avoiding workarounds. Regular assessments can identify knowledge gaps and provide additional education to appropriate staff.



2. Stay on top of software updates.

Software updates affect medication delivery and patient safety. BMETs should be aware of the current software version of the infusion device and know where to find the latest software updates.

3. Attend to pump alarms.

Clinicians and BMETs who respond promptly to alarms can help maintain the calibration of infusion devices. Properly calibrated infusion pumps are more likely to function correctly.



4. Respond to recalls and alerts.

The FDA provides a recall database which helps BMETs respond promptly to infusion pump recalls. Acting quickly, even for minor issues, can prevent more significant problems.

5. Perform preventive repairs.

Replacing certain parts before they wear out can help reduce expensive repairs later. Parts like motors, clutch assemblies, casings, keypads, and bezel posts may need preventive replacement.

