

Assessing Equipment, Supplies, and Devices for Patient Safety Issues

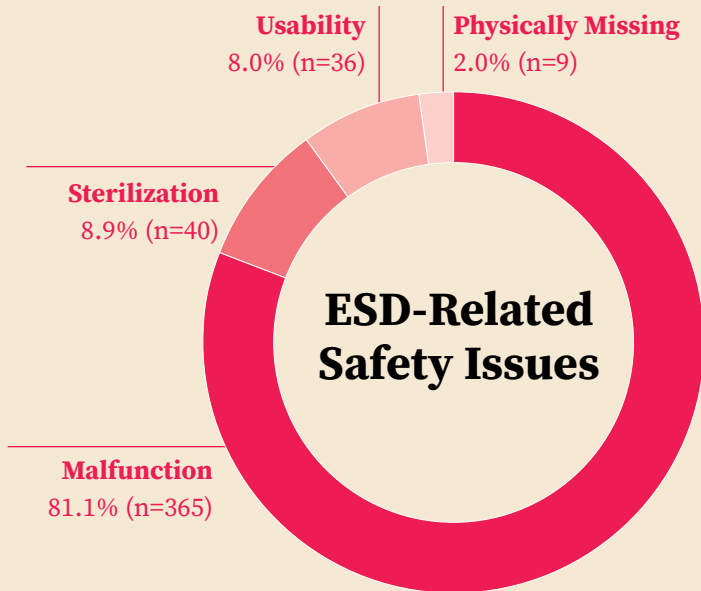


Medical equipment, supplies, and devices (ESD) serve a critical function in healthcare delivery and how they function can have patient safety consequences.



ESD-related patient safety issues, especially malfunctions, impact patient care despite current policies and practices to address these issues.

Healthcare facilities may be able to address some ESD-related patient safety issues during procurement through use of a patient safety procurement assessment tool.



Malfunction reports included

- **Software/output problems** (n=122 of 365, 33.4%)
- **General malfunction** (n=103 of 365, 28.2%)
- **Material integrity** (n=72 of 365, 19.7%)
- **Activation, positioning, or separation** (n=68 of 365, 18.6%)

- The most frequent **ESDs** noted were infusion pump, instrument set, and intravenous (IV)
- The most frequent **components/subtypes** noted were alarm/alert, tubing, and tray