

Supplemental Data Table S1. Rating scale of severity, occurrence, and detectability of risk to calculate the risk priority number in failure mode and effect analysis

Score	Severity	Occurrence	Detectability
1	No effect	Remote	100% instrumental detection with preventive maintenance
2	Very minor interference		100% instrumental detection with preventive maintenance
3	Minor interference	Low/relatively few	100% instrumental detection with preventive maintenance
4	Creates some rework/very low interference		Partial detection by medical technicians
5	Creates moderate rework/low interference	Once a week	Periodic detection by medical technicians
6	Creates considerable rework/moderate interference		100% manual detection and provides visual cues
7	Causes considerable instrument downtime rework/high interference		100% manual detection
8	Could be reportable error and possible instrument downtime/very high interference	Once a day	Low chance to detect with random manual inspection
9	Could harm patient but not death and/or possible instrument failure/serious interference		Remote chance to detect with random manual inspection
10	Could injure a patient or cause death and/or cause possible instrument failure/hazardous interference	More than once a day	No detection or inspection

This table was created referring to ISO 22367:2020 [15], Han, *et al.* [24], and Chung, *et al.* [25].