Table 2. Failure Modes and Effects Analysis (FMEA)[1]						
Failure Mode (What could go wrong?)	Failure Causes (Why could this happen?)	Failure Effects (What would happen if this occurred?)	Probability of Occurrence* (Frequency) (A)	Probability of Detection* (B)	Severity* (C)	Risk Priority Number (RPN)†

* Assign a number from 1-10, with 10 being the highest probability of occurrence, probability of detection, and severity.

† RPN is calculated by multiplying the probability of occurrence (A) by the probability of detection (B) by the severity (C). A x B x C = RPN

Reference

1. Failure Modes and Effects Analysis (FMEA) Tool. Institute for Healthcare Improvement. http://www.ihi.org/resources/Pages/Tools/FailureModesandEffectsAnalysisTool.aspx. Accessed September 16, 2020.