

## I-FMEA Item Definitions

Item	Primary Task I-FMEA	Interruption I-FMEA
Task	Subtasks or steps in primary task being analyzed.	Interruption or secondary task arising during time when responsible healthcare worker is busy with other activities.
Failure Mode	What can happen if this primary task is suspended to do something else?	What happens if this secondary task is not addressed immediately?
Effect	Specific undesirable outcomes associated with stated failure mode	
Severity Ranking	For this failure mode, what extent of harm can be expected? 1: Negligible harm; 10: Severe harm.	
Occurrence Probability	How likely is this failure mode to take place? 1: Improbable; 10: Frequently.	
Detection Ranking	How easy is it to detect the failure mode? 1: Easy to detect; 10: Difficult to detect.	
Risk Priority Number (RPN)	Obtained by multiplying risk scores for severity, likelihood, and detection.	
Efficiency	Refers to cognitive and physical efforts needed to suspend and resume primary task. 1: Very easy to interrupt and resume after interruption (negligible interruption and resumption lags). 10: Requires careful placement of resources and information before interrupting and at resumption (significant interruption/resumption lag, >50% of task time).	Refers to cognitive and physical efforts needed to start secondary task as time passes from when the need arises. 1: No resources or personnel needed to start task. 10: Needs to search/relocate resources or personnel available at point when need arises.
Patient Satisfaction	How will satisfaction of patient involved in primary/secondary task be affected? 1: Not likely to be affected. 10: Very likely to cause dissatisfaction to patient involved in task.	