

Case Study

Making New Drug Selections Safe -
Estimating the Possibility of Failure

Too often, decisions about which products to purchase are often made or influenced by:

- Purchasing groups
- Marketing
- Cost
- Availability

Evaluation and input from those using the product would decrease potential for error in the future!

Objective:

Apply FMEA principles
to a common drug
distribution issue.

Case Study Worksheet

Steps in the Process	Failure Mode	Failure Causes	Failure Effects	Likelihood of Occurrences (1-5)	Likelihood of detection (1-5)	Severity (1-5)	Risk Profile Number (RPN)	Actions to Reduce
1								
2								
3								
							TOTAL RPN (Sum of all RPNs):	

New Contract begins Jan 1, 2004

- New Product arrives
- Access potential for error

Hydrocortisone



Betamethasone



Methylprednisolone



Furosemide



Debrief

What could go wrong?

Apply Risk Priority Number

Multiply the three scores obtained for likelihood of occurrences, likelihood of detection, and severity



Identify Highest RPNs



Plan improvement efforts



Share Ideas