

* Risk management

→ Procedure

- Step - 0 - Imagine
- Step 1 - Identity
- Step 2 - Inform
- Step 3 - Take action

→ Step 0 - Imagine

Risk is a potential NC.

Has 2 components - amount of effect on quality objectives

- probability of its occurrence in current state of laboratory

- for various processes: identify risk.

- put it under appropriate risk matrix.

		Risk matrix									
		Effects									
		1	2	3	4	5	6	7	8	9	10
probability	1										
	2										
	3										
	4										
	5										
	6										
	7										
	8										
	9										
	10										

Effect → 0 - Not much effect on quality objective

10 - major effect on quality objective

probability → 0 - unlikely

10 - very likely

- Act \rightarrow to prevent highly probable risk with major effects on quality objectives
- Develop plan to control & correct \rightarrow Moderately probable risk with moderate effect on quality objectives
- Accept - less probable risk with minor effect on quality objectives

e.g.

Major process Subprocess	Risk	Material Resources			
		Probability	Effect	prevention	Control
Accommodation & environmental condition management	AC failure, electric failure	1	6	call electric dept at 701	-
Equipment management	Instrument breakdown	1	7	Back up	call engineer
Reagent & Consumable management	Shortage of near expiring kits	1	6	Reorder point already calculated	-