

## Risk Analysis of Insulin Pump

#	Risk Description	Risk Cause	Likelihood	Consequence
1	Incorrect measurement of Sugar level	Malfunctioning/Failure of Sensor	3	3
2	Incorrect measurement of Sugar level	Communication failure (no signal) or delayed communication from Sensor to the Controller	2	3
3	Insulin Over-dose	Controller failure/malfunctioning	2	4
4	Insulin Under-dose	Controller failure/malfunctioning	2	4
5	Wrong determination (Over/Under dose) of the required dose of Insulin	Incomplete/Incorrect Algorithm or Software	2	4
6	Under-dose of Insulin	Leakage in the Insulin Reservoir	3	4
7	Missing dose of Insulin	Power Failure (Battery Exhausted)	2	4