

Pittsburgh General Hospital
Medical Equipment Risk Strategies

Risk will be scored by adding the point of score all Risk using the formula $(E+A+[(P+F+U)/3])$.

Clinical Equipment Risk Classification

Risk Cat 1	Equipment Function	Risk Cat 2	Clinical Application	Risk Cat 3	Preventive Maintenance Requirement	Risk Cat 4	Likelihood of Failure	Risk Cat 5	Environmental Use Classification
10	Therapeutic - Life Support	5	Potential Patient Death	5	Monthly	5	Less than three months	5	Anesthetizing Locations
9	Therapeutic - Surgical or Intensive Care	4	Potential Patient Injury	4	Quarterly	4	Approximately six months	4	Critical Care Areas
8	Therapeutic - Physical Therapy or Treatment	3	Inappropriate Therapy or Misdiagnosis	3	Semi-Annually	3	Approximately one year	3	Wet Locations/Labs/Exam Areas
7	Diagnostic - Surgical or Intensive Care	2	Equipment Damage	2	Annually	2	Approximately three years	2	General Care Areas
6	Diagnostic - Other Physiological Monitoring	1	No Significant Identified Risk	1	Not Required	1	Greater than five years	1	Non-Patient Areas
5	Analytical - Laboratory Analytical								
4	Analytical - Laboratory Accessories								
3	Analytical - Computer and Related Accessories								
2	Miscellaneous - Patient-Related								
1	Miscellaneous - Non-Patient-Related								

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Clinical Equipment Risk Classification

Sub Category	Description	Equipment Function	Clinical Application	Maintenance R	Likelihood of Failure	Environmental Use Classification	Total Risk Score
ANESTHESIA MONITOR	MONITOR, ANESTHESIA	10	5	3	2	5	18.33
BEDSIDE PHYSIOLOGICAL MONITOR	MONITOR, PHYSIOLOGICAL, BEDSIDE	6	4	3	2	4	13.00
CHEMISTRY ANALYZER	ANALYZER, CHEMISTRY	5	3	3	2	3	10.67
X-RAY MACHINE	X-RAY, TOMOGRAPHY	6	3	3	1	3	11.33
X-RAY VIEWING LIGHT	LIGHT, VIEWING, XRAY	2	3	2	2	2	7.00