

UNC Medical Center Risk Assessment

Thoughtful, systematic examination of infection hazards in the health care environment that could cause harm to patients, staff, families and visitors, or the facility. Organizational risk assessment should be used to select priorities for the IPC program, development of goals and measurable objectives.

	LIKELIHOOD	SEVERITY	PREPAREDNESS	RISK SCORE
GEOGRAPHY/COMMUNITY	1(low)-5(high)	1(low)-5(high)	1(low)-5(high)	(Likelihood x Severity) / Preparedness
Viral Hemorrhagic Fevers (e.g., Ebola viral disease, Lassa fever)	4	5	3	6.7
BSL 3 Lab exposures from campus	3	2	2	3.0
Water loss/disruption	2	5	3	3.3
Outbreaks with vaccine preventable diseases (e.g., measles, pertussis, meningococcal)	3	4	4	3.0
Legionellosis	2	3	4	1.5
Novel influenza viruses	3	4	4	3.0
COVID-19	4	3	4	3.0
Mpox	3	2	4	1.5
FACILITY				
Infection types				
CLABSI	4	4	3	5.3
CAUTI	3	2	4	1.5
<i>C. difficile</i>	2	4	4	2.0
SSI	3	4	2	6.0
Pneumonia	3	4	3	4.0
CRE, novel mechanisms	3	4	4	3.0
Endemic Respiratory Viruses including Influenza, RSV	4	3	4	3.0
Norovirus	3	3	4	2.3
Aspergillus/Rhizopus/Mucor	3	4	4	3.0
MDROs (MRSA, VRE, GNR)	3	2	4	1.5
<i>Candida auris</i>	3	5	3	5.0
Exposures				
TB	4	4	4	4.0
Zoster/varicella	4	3	3	4.0
COVID-19	3	4	4	3.0
Patient-to-Patient OPIM exposures (e.g., blood, breast milk)	4	3	4	3.0
Supplies/Equipment Risks				
Inadequate processing of HLDed patient equipment/endoscopes	4	4	3	5.3
Inadequate processing of sterilized medical devices/equipment	3	4	3	4.0
Unsafe injection practices	3	4	4	3.0
Inadequate supply of PPE	2	5	4	2.5
Environment				
Construction/renovation	5	3	4	3.8
Water intrusion	5	5	3	8.3
Clean supplies and equipment are not stored appropriately	5	2	3	3.3
Supplies are not within expiration date	5	2	3	3.3
Areas are not free of dust, dirt, soil, trash, clutter (fixtures, walls, ceilings, floors) and in good	4	2	3	2.7
Patient care items are not stored at least 3 feet from a sink or there is a splashguard	3	5	4	3.8
Linens are not stored appropriately	3	4	3	4.0