



**Infection Control Risk Assessment (ICRA) For Health Care
Facility Construction, Renovation and Maintenance**

<p>Project Type: <input type="checkbox"/> Construction <input type="checkbox"/> Renovation <input type="checkbox"/> Maintenance</p> <p>Preventive Measures: <input type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III (consult Infection Control) <input type="checkbox"/> IV (consult Infection Control)</p> <p>Project Location:</p> <p>Project Name:</p> <p>Start Date:</p> <p>Estimated Duration:</p>	
<p align="center">Project Manager</p> <p>Name:</p> <p>Phone #:</p>	<p align="center">Construction Officer</p> <p>Name:</p> <p>Phone #:</p>
<p align="center">Regional Infection Prevention & Control Coordinator or Infection Control Practitioner</p> <p>Name:</p> <p>Phone #:</p>	<p align="center">Contractor</p> <p>Name:</p> <p>Phone #:</p>

PART A: Project Activity Type - Check off the appropriate type of construction/renovation/maintenance activity by selecting the level of activity that best describes the project.

<input type="checkbox"/> Type A Inspection and non-invasive activities.	<input type="checkbox"/> Type B Small scale, short duration (e.g., less than 2 h) activities that create minimal dust.	<input type="checkbox"/> Type C Activities that generate moderate to high level of dust, cause a moderate service disruption, require demolition, require removal of a fixed facility component (e.g., sink) or assembly (e.g., countertop or cupboard), or cannot be completed in a single work shift.	<input type="checkbox"/> Type D Activities that generate high levels of dust, activities that necessitate significant service disruptions, and major demolition and construction activities requiring consecutive work shifts to complete.
These include, but are not limited to, <ul style="list-style-type: none"> a) activities that involve a single controlled opening in a wall or ceiling for minor work or visual inspection, that is accessed by: <ul style="list-style-type: none"> i) removing no more than one ceiling tile; or ii) opening of an access panel on a wall or ceiling; b) painting (but not sanding) and wall covering; c) electrical trim work; d) minor plumbing work that disrupts the water supply to a localized patient care area (e.g. 1 room) for less than 15 minutes; and e) other maintenance activities that do not generate dust or require cutting of walls or access to ceilings other than as specified in Item a). 	These include, but are not limited to, <ul style="list-style-type: none"> a) activities that require access to chase spaces; b) where dust migration can be controlled, cutting of walls or ceilings for installing or repairing minor electrical work, ventilation components, telephone wires, or computer cables; c) sanding or repair of a small area of a wall; & plumbing work that disrupts the water supply of more than 1 patient care area (e.g. 2 or more rooms) for less than 30 minutes. 	These include, but are not limited to, <ul style="list-style-type: none"> a) activities that require sanding of a wall in preparation for painting or wall covering; b) removal of floor-coverings, ceiling tiles, and casework; c) new wall construction; d) minor ductwork; e) electrical work above ceilings; f) major cabling activities; and g) plumbing work that disrupts the water supply of more than one patient care areas for more than 30 minutes but less than 1 hour. 	These include, but are not limited to, <ul style="list-style-type: none"> a) soil excavation; b) new construction that requires consecutive work shifts to complete; c) activities that involve heavy demolition or removal of a complete cabling system; or d) plumbing work that disrupts the water supply of more than one patient care area (i.e., two or more rooms) for 1 hour or more.

PART B: Population Risk Groups and Geographical Areas - Check off the appropriate population risk group and the geographical area that may be affected by the project because of its physical proximity or exposure to the construction/renovation/maintenance activity.

<input type="checkbox"/> <u>Group 1</u> Lowest risk	<input type="checkbox"/> <u>Group 2</u> Medium risk	<input type="checkbox"/> <u>Group 3</u> Medium to High risk	<input type="checkbox"/> <u>Group 4</u> Highest risk
<ul style="list-style-type: none"> • Office areas • Unoccupied patient care units • Public areas not intersecting a patient care area • Soiled linen sorting or storage areas • Physical plant workshops • Housekeeping rooms and closets 	<ul style="list-style-type: none"> • Patient care areas, unless listed in Group 3 or Group 4 • Outpatient clinics (except oncology and surgery) • Admission and discharge units • Waiting rooms • Autopsy and morgue • Occupational therapy areas remote from patient care areas • Physical therapy areas remote from patient care areas 	<ul style="list-style-type: none"> • Emergency room (except trauma rooms) • Diagnostic imaging • Labour and birthing rooms (non-operating) • Nurseries for healthy newborns • Nuclear medicine • Hydrotherapy • Echocardiography • Laboratories • General medical and surgical wards or units (includes all soiled and clean utility rooms) • Pediatric units • Geriatric units • Long-term care units • Food preparation, serving, and dining areas • Respiratory therapy • Clean linen handling and storage areas 	<ul style="list-style-type: none"> • Intensive Care Units (ICU, PICU, NICU, etc.) • Operating rooms (including prep, induction, post-anaesthetic care units (PACU), and scrub areas) • Anaesthesia storage areas and workrooms • Oncology units and outpatient clinics • Transplant units and outpatient clinics • Inpatient units and outpatient clinics for patients with AIDS or other immunodeficiency diseases • Dialysis units • Critical care nurseries • Labour and delivery operating rooms • Interventional or high-risk diagnostic imaging, e.g., Cardiac catheterization and angiography, Interventional radiology, Endoscopy, Bronchoscopy, Cystoscopy • Cardiovascular and cardiology patient areas • Pharmacy admixture rooms • Medical device reprocessing areas • Central sterile supply • Clean and sterile storage • Burn care units • Animal rooms • Trauma rooms • Protective isolation rooms • Tissue culture laboratories • Pacemaker insertion room • Dental procedure rooms

PART C: Construction Activity and Risk Group Matrix - Circle the preventive measures level required for this project by matching the project activity identified in part A with the risk group identified in Part B. Document the preventive measures level on page one. Send a copy of the ICRA to Infection Control. Consult Infection Control for all Population and Geographic Risk Group 4, preventive measures III and IV level projects and when project activities need to be done on hallways adjacent to III and IV areas (see shaded areas). Adaptations to the prevention measures can be made only after Infection Control approval.

Risk Group	Project Activity			
	Type A	Type B	Type C	Type D
Group 1	I	II	II	III/IV
Group 2	I	II	III	IV
Group 3	I	III	III/IV	IV
Group 4	I-III	III/IV	III/IV	IV