

# Communicable Disease Assessment Centre Checklist

## including Portable Isolation Containment System [PICS]

This checklist was developed by Alberta Health Services (AHS) Infection Prevention and Control for use by experienced Infection Control Professionals (ICPs) during the establishment and commissioning of any communicable disease assessment centre.

### Overview

Health services are an integral component of every community. In the event of a large-scale event (man-made or natural) which increases the demands for healthcare services, the availability of, and access to health services can become challenging. In some circumstances, Temporary Assessment/Treatment Centres may be established to function in addition to emergency departments, urgent care and other existing healthcare services.

The AHS Incident Management System (IMS) organizational structure is based on the Incident Command System (ICS), which enables rapid integration and connectivity between sites, services, zones, external partners and stakeholders. It defines the roles and responsibilities of personnel and the operating procedures to be used in the management and direction of emergencies and disasters.

Infection Prevention and Control (IPC) is represented at each level of the IMS structure. IPC requirements are integral to establishing and commissioning temporary health service delivery areas and structures used during the post-disaster period, such as a temporary assessment/treatment centre.

Strikethrough any lines that are not applicable.

No	Area	Yes	No
1.	<b>General considerations</b>		
1.1.	Consult with IPC during site selection and before opening	<input type="checkbox"/>	<input type="checkbox"/>
1.2.	Areas are secure and cleaned prior to occupancy	<input type="checkbox"/>	<input type="checkbox"/>
1.3.	External signs indicate site is for specific assessment/treatment	<input type="checkbox"/>	<input type="checkbox"/>
1.4.	Procedure/surgical masks for patients available at entry to centre	<input type="checkbox"/>	<input type="checkbox"/>
1.5.	Clear separation of clean and soiled supplies and linens	<input type="checkbox"/>	<input type="checkbox"/>
1.6.	Supply areas large enough to accommodate needed supplies and equipment and IPC storage principles	<input type="checkbox"/>	<input type="checkbox"/>
1.7.	Designate separate entrance and exit routes for one-way patient flow	<input type="checkbox"/>	<input type="checkbox"/>
1.8.	General workflow: clean to dirty	<input type="checkbox"/>	<input type="checkbox"/>
1.9.	General waste holding area is away from assessment and/or treatment spaces	<input type="checkbox"/>	<input type="checkbox"/>
1.10.	Defined area for assessment and triage, as required	<input type="checkbox"/>	<input type="checkbox"/>
1.11.	Defined area for environmental services and supplies	<input type="checkbox"/>	<input type="checkbox"/>



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No	Area	Yes	No
1.12.	Defined area for charting	<input type="checkbox"/>	<input type="checkbox"/>
1.13.	Defined area for medication and medical supplies	<input type="checkbox"/>	<input type="checkbox"/>
1.14.	Biohazardous waste holding area is away from assessment and treatment spaces	<input type="checkbox"/>	<input type="checkbox"/>
1.15.	Potable water is accessible	<input type="checkbox"/>	<input type="checkbox"/>
1.16.	Grey water holding tank is separated from potable water	<input type="checkbox"/>	<input type="checkbox"/>
1.17.	Plan for management of reusable soiled equipment and instruments	<input type="checkbox"/>	<input type="checkbox"/>
1.18.	Promote single-use medical devices	<input type="checkbox"/>	<input type="checkbox"/>
<b>2.</b>	<b>Water intrusion management resources (PICS only)</b>		
2.1.	Sandbags, squeegee, bailing bucket, wet vacuum available	<input type="checkbox"/>	<input type="checkbox"/>
2.2.	Vinyl flooring sections are sealed during setup	<input type="checkbox"/>	<input type="checkbox"/>
<b>3.</b>	<b>Pre-occupancy cleaning requirements (PICS only)</b>		
3.1.	Floors are cleaned with a HEPA filter-equipped vacuum and washed	<input type="checkbox"/>	<input type="checkbox"/>
3.2.	Interior and exterior walls are cleaned with a standard detergent and warm water as per manufacturer's instructions	<input type="checkbox"/>	<input type="checkbox"/>
3.3.	Isolation pods' interior walls are disinfected with AHS provided disinfectant	<input type="checkbox"/>	<input type="checkbox"/>
<b>4.</b>	<b>Washroom/portable toilet</b>		
4.1.	Toilet and hand hygiene sink are available for staff	<input type="checkbox"/>	<input type="checkbox"/>
4.2.	Toilet and hand hygiene sink are available for patients	<input type="checkbox"/>	<input type="checkbox"/>
4.3.	Dedicated toilet and hand hygiene sink for isolation patients based on specific additional precautions required	<input type="checkbox"/>	<input type="checkbox"/>
<b>5.</b>	<b>Hand hygiene accessibility</b>		
5.1.	Consult the <a href="#">AHS ABHR Dispenser Placement Algorithm</a> to optimize locations and determine the maximum allowable number of dispensers	<input type="checkbox"/>	<input type="checkbox"/>
5.2.	Priority for placement of ABHR	<input type="checkbox"/>	<input type="checkbox"/>
5.3.	a. Priority 1 - point-of-care	<input type="checkbox"/>	<input type="checkbox"/>
5.4.	b. Priority 2 - clean and sterile supplies	<input type="checkbox"/>	<input type="checkbox"/>
5.5.	c. Priority 3 - PPE donning and doffing	<input type="checkbox"/>	<input type="checkbox"/>
5.6.	d. Priority 4 - at entrance/exit to the healthcare area	<input type="checkbox"/>	<input type="checkbox"/>
5.7.	Portable hand hygiene sink, soap dispenser, and disposable single-use towels are available	<input type="checkbox"/>	<input type="checkbox"/>

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No	Area	Yes	No
<b>6.</b>	<b>Environmental Cleaning</b>		
6.1.	Environmental Services Standard Operating Procedures followed	<input type="checkbox"/>	<input type="checkbox"/>
6.2.	General and Biomedical Waste management SOP followed	<input type="checkbox"/>	<input type="checkbox"/>
6.3.	Consider secondment of AHS ES staff or contracted agency familiar with cleaning healthcare facilities	<input type="checkbox"/>	<input type="checkbox"/>
6.4.	Schedule for routine environmental cleaning based on existing SOP, including patient area and outbreak events is established and adjusted for specific activities and patient characteristics	<input type="checkbox"/>	<input type="checkbox"/>
6.5.	AHS-provided RTU (ready to use) disinfectant products and wipes are available	<input type="checkbox"/>	<input type="checkbox"/>
6.6.	Cart with cleaning supplies, cleaning agents and disinfectants are available	<input type="checkbox"/>	<input type="checkbox"/>
6.7.	Blood and body fluid spill kit including cleaning cart, hand pail, clean cloths, wet mop, bucket and wringer, cleaning/disinfecting product(s), spill pack, dustpan, brush, wet floor signs, garbage bags, soiled linen bags, mask and gloves, absorbent material, and safety goggles/glasses. Additional PPE may be required, as appropriate.	<input type="checkbox"/>	<input type="checkbox"/>
<b>7.</b>	<b>Heating/ventilation/air conditioning</b>		
<b>Depending on the use of centre, including PICS, air pressure and air exchanges may be validated by engineers, otherwise directional airflow will be verified and not all will apply</b>			
7.1.	Minimally establish directionality, pressure, temperature and humidity	<input type="checkbox"/>	<input type="checkbox"/>
7.2.	Relative humidity monitoring and documentation: 30-60%	<input type="checkbox"/>	<input type="checkbox"/>
7.3.	Temperature monitoring and documentation: 20-24° C	<input type="checkbox"/>	<input type="checkbox"/>
7.4.	Documented maintenance schedule for Air/HEPA Filters	<input type="checkbox"/>	<input type="checkbox"/>
7.5.	IPC recommendations for Temporary Airborne Isolation Rooms, as required.	<input type="checkbox"/>	<input type="checkbox"/>
7.6.	Clean storage area - positive pressure: 12 ACH	<input type="checkbox"/>	<input type="checkbox"/>
7.7.	Resuscitation, treatment area and/or airborne isolation room: negative pressure: 12 ACH	<input type="checkbox"/>	<input type="checkbox"/>
7.8.	Soiled storage area - negative pressure: 10 ACH	<input type="checkbox"/>	<input type="checkbox"/>
7.9.	Operating room - positive pressure: 20 ACH (airflow from top-down ideal) *OR use not applicable in all situations	<input type="checkbox"/>	<input type="checkbox"/>

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<b>8.</b>	<b>Triage area</b>		
8.1.	Consider space and privacy for conducting assessments	<input type="checkbox"/>	<input type="checkbox"/>
8.2.	Routine, surgical masks for patients and ABHR are available	<input type="checkbox"/>	<input type="checkbox"/>
8.3.	Triage area is able to separate patients requiring isolation, i.e., distance / physical barriers	<input type="checkbox"/>	<input type="checkbox"/>
8.4.	<a href="#">Symptom-based assessment tools</a> , including GI/ILI/rash/wound, are available to assess all patients for signs and symptoms of acute infection	<input type="checkbox"/>	<input type="checkbox"/>
8.5.	Symptom-based references for PPE and additional precautions are available as part of the <a href="#">IPC Resource Manual</a>	<input type="checkbox"/>	<input type="checkbox"/>
<b>9.</b>	<b>Treatment area (when in use.)</b>		
9.1.	Beds/cribs are separated by 2 meters with barriers (walls/screens/curtains)	<input type="checkbox"/>	<input type="checkbox"/>
9.2.	ABHR dispensers are readily available (see section 5)	<input type="checkbox"/>	<input type="checkbox"/>
9.3.	Smooth, non-porous, solid-surface general waste containers are available	<input type="checkbox"/>	<input type="checkbox"/>
9.4.	Biohazardous waste containers are available	<input type="checkbox"/>	<input type="checkbox"/>
9.5.	Sharps containers available at point-of-care	<input type="checkbox"/>	<input type="checkbox"/>
9.6.	Clean and sterile supplies are minimized, i.e., no overstocking	<input type="checkbox"/>	<input type="checkbox"/>
9.7.	Supplies and linens stored away from potential contamination	<input type="checkbox"/>	<input type="checkbox"/>
9.8.	Adequate types, sizes, models and quantities of PPE are available	<input type="checkbox"/>	<input type="checkbox"/>
<b>10.</b>	<b>Isolation treatment area</b>		
10.1.	Is connected to a vestibule or interconnected hallway that is used as an anteroom	<input type="checkbox"/>	<input type="checkbox"/>
10.2.	Beds are separated by 2 meters with barriers (walls/screens/curtains)	<input type="checkbox"/>	<input type="checkbox"/>
10.3.	Hand hygiene ABHR dispensers are readily available. In case of a GI outbreak, consider relocating a portable hand hygiene sink (see section 5)	<input type="checkbox"/>	<input type="checkbox"/>
10.4.	General waste containers are available large enough for PPE disposal	<input type="checkbox"/>	<input type="checkbox"/>
10.5.	Biohazardous waste containers are available	<input type="checkbox"/>	<input type="checkbox"/>
10.6.	Sharps containers are at point-of-care	<input type="checkbox"/>	<input type="checkbox"/>
10.7.	Clean and sterile supplies are minimized, i.e., no overstocking	<input type="checkbox"/>	<input type="checkbox"/>
10.8.	Personal Protective Equipment is outside of patient area in anteroom with adequate sizes, models, and quantities	<input type="checkbox"/>	<input type="checkbox"/>

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<b>11.</b>	<b>Isolation PPE cart supplies</b>		
11.1.	Four sizes of gloves	<input type="checkbox"/>	<input type="checkbox"/>
11.2.	Disposable isolation gowns/aprons	<input type="checkbox"/>	<input type="checkbox"/>
11.3.	Protective eyewear, i.e., procedure masks with attached face shield or face shield/safety glasses	<input type="checkbox"/>	<input type="checkbox"/>
11.4.	Respirators - N95 respirators including adequate makes/models/sizes	<input type="checkbox"/>	<input type="checkbox"/>
11.5.	Procedure masks for use with face shield/safety glasses and for transporting patients on droplet or airborne precautions	<input type="checkbox"/>	<input type="checkbox"/>
11.6.	ABHR dispenser	<input type="checkbox"/>	<input type="checkbox"/>
11.7.	Additional precautions signs	<input type="checkbox"/>	<input type="checkbox"/>
11.8.	AHS-provided disinfectant wipes	<input type="checkbox"/>	<input type="checkbox"/>
<b>12.</b>	<b>Signage/posters</b>		
<p><b>It is recommended that signs be prepared and printed</b></p> <p><b>These signs are available at <a href="http://www.ahs.ca/ipc">www.ahs.ca/ipc</a></b></p>			
12.1.	Hand Hygiene	<input type="checkbox"/>	<input type="checkbox"/>
12.2.	Additional Precautions	<input type="checkbox"/>	<input type="checkbox"/>
12.3.	PPE Donning/Doffing	<input type="checkbox"/>	<input type="checkbox"/>
<b>For PICS</b>			
12.4.	Clean supplies	<input type="checkbox"/>	<input type="checkbox"/>
12.5.	Soiled supply holding area	<input type="checkbox"/>	<input type="checkbox"/>
12.6.	Soiled linen holding area	<input type="checkbox"/>	<input type="checkbox"/>
12.7.	Clean linen holding area	<input type="checkbox"/>	<input type="checkbox"/>
12.8.	General waste holding area	<input type="checkbox"/>	<input type="checkbox"/>
12.9.	Biohazard/sharps waste holding area	<input type="checkbox"/>	<input type="checkbox"/>
12.10.	“STOP! DO NOT ENTER” for back door of isolation pod	<input type="checkbox"/>	<input type="checkbox"/>
12.11.	Patient flow entry and exit routes	<input type="checkbox"/>	<input type="checkbox"/>