

LTC *Clostridioides difficile* Infection (CDI) Toolkit





<p>Case Definition: Unexplained & new-onset diarrhea (unformed or watery stools >3 in 24 h) above what is normal for the individual and cannot be attributed to another cause (e.g. laxatives, medication side effect & diet).</p>	
<p>And one or more of the following:</p> <ul style="list-style-type: none"> • Laboratory confirmation (positive toxin or culture with evidence of toxin production) • Diagnosis of typical pseudomembranes on sigmoidoscopy, colonoscopy or histological/pathological diagnosis of CDI • Diagnosis of toxic mega colon. 	
<p>CDI Symptoms:</p> <ul style="list-style-type: none"> • Watery diarrhea • Fever • Loss of appetite • Nausea • Abdominal pain and tenderness, cramping 	<p>Risk factors for CDI:</p> <ul style="list-style-type: none"> • A history of antibiotic usage, particularly broad-spectrum antibiotics that affect the normal gut bacterial flora, such as fluoroquinolones • Immunosuppressive therapy post-transplant • Use of proton pump inhibitors • Bowel disease and bowel surgery • Chemotherapy; and/or hospitalization • History of CDI • Increased age • Immunosuppressive therapy • Recent surgery; and/or CDI with the hypervirulent strain of <i>C. difficile</i>
<p>Notification</p>	<p>Leadership/ site to notify Infection Control Practitioner of new cases, symptoms and unit via email ICP-LTC@vch.ca</p> <ul style="list-style-type: none"> • Frontline staff to record newly symptomatic residents on paper line list • If ongoing transmission is occurring, consult with IPAC team for further guidance. • For treatment refer to Clostridioides difficile Infection Best Practice Guideline



<p>Additional Precautions</p>	<ul style="list-style-type: none"> ● Place symptomatic residents that meet the case definition on Contact Plus Precautions. ● Maintain precautions until 72 hours after symptoms have resolved. ● For residents that test negative for CDI maintain precautions until 48 hours from last episode of loose stool ● Place Contact plus and donning sign at entrance to door in a visible location. Place doffing sign in the doffing zone inside the room. ● Follow care plan to manage symptomatic Wandering Residents. ● Review Supporting Residents Experiencing Responsive Behaviors. ● Dedicate toileting facilities and using a disposable containment system such as a commode/bedpan liner (see Appendix A for products). ● Dedicate equipment where possible - clean and disinfect shared equipment using a 2-step process after each use.
<p>Specimen Collection</p>	<ul style="list-style-type: none"> ● Inform the MRP regarding resident's clinical status to request order when case definition met ● Collect a stool sample when a resident has <u>3</u> episodes of diarrhea, Bristol stool chart 6 or 7, within a 24-hour period. <ul style="list-style-type: none"> ➢ Send the sample to your regular lab through your established courier service. ➢ Stool samples can be stored in the fridge for up to 3 days. ➢ Indicate CDI on lab requisition
<p>Hand Hygiene</p>	<ul style="list-style-type: none"> ● Soap and water hand washing is the preferred practice. ● If a hand hygiene sink is not available at point of care, staff to perform hand hygiene with ABHR and then immediately proceed to a hand hygiene sink to perform soap and water hand hygiene
<p>Environmental Cleaning</p>	<ul style="list-style-type: none"> ● Initiate enhanced cleaning until resident off precautions ● Environmental services should use a Health Canada approved sporicidal agent effective against CDI to clean and disinfect the environment. Use a cleaning agent followed by a disinfectant with sporicidal activity. See Commonly used Disinfectant Table ● Maintain resident on Contact Plus Precautions until Isolation discharge clean of the room is complete along with a resident bath/shower. ● Discard toilet brush.
<p>Group Activities</p>	<ul style="list-style-type: none"> ● Residents on Contact Plus a precautions may not attend group activities.



Appendix A

Product	Description	Photo	Brand	Supply Chain Ordering Information
Emesis Bag w/ Absorbent Powder	Portable emesis bag with absorbent inner lining to help solidify emesis and enable disposal in garbage.		Hygie Canada	PeopleSoft Item #: 00105357 20/Package
Vernagel Super Absorbent Powder	Polymer based powder that absorbs fluids (e.g. urine, blood, feces, vomit) into a semi-solid state enabling safer disposal.		Vernacare	PeopleSoft Item #: 00078234 100/Box
Commode Liner/Large Emesis Basin Disposable Pulp Fibre	Disposable bed pan/commode liner		Vernacare	PeopleSoft Item #: 00068954 100/Case
Hygienic Bedpan/Commode Cover	Disposable cover for bedpan/commode for effective management/containment of body waste at point of care.		Hygie Canada	PeopleSoft Item #: 00095514 20/Box

