

Vancouver Coastal Health
Licensed Child Care Gastroenteritis Outbreak Control Policy

<p>Purpose</p>	<p>Under the Public Health Act, the Communicable Disease Regulation and the Child Care Licensing Regulation, the Medical Health Officer (MHO) has the authority and responsibility to direct the management of outbreaks in the community including child care facilities. The purpose of this document is to summarize the recommendations of the MHO primarily for the prevention and control of gastroenteritis outbreaks, e.g. Norovirus, Rotavirus in licensed child care facilities in Vancouver Coastal Health (VCH). Should another enteric pathogen be identified the MHO or designate may change the recommended measures.</p> <p>The recommendations in this document should be incorporated in to the facility's existing policy/procedure for managing gastrointestinal illness.</p>
<p>Definitions:</p>	<ul style="list-style-type: none"> • Case of Gastroenteritis <ul style="list-style-type: none"> - The child or staff person has more loose bowel movements than usual or the bowel movements are more watery or unformed than usual e.g. two or more liquid or watery stools within a 24 hour period OR - Any episode of unexplained vomiting OR - One episode each of vomiting and diarrhea in a 24 hour period OR - One episode of bloody diarrhea OR - Lab confirmation of a known enteric pathogen with at least one symptom compatible with a gastrointestinal infection [GI] (i.e., nausea, vomiting, diarrhea, abdominal pain, bloody stools or tenderness). - Care must be taken to rule out non-infectious causes of these symptoms. E.g., medications or other illnesses that can cause vomiting or diarrhea. - GI symptoms that are reported to the facility as reasons for a child or staff absence should be recorded as a case if case definition is met. • Suspected Outbreak of Gastroenteritis <ul style="list-style-type: none"> - <u>Three or more children and/or staff have been ill with diarrhea and/or vomiting within a short-period of time.</u> • Confirmed Outbreak of Gastroenteritis <ul style="list-style-type: none"> - <u>Evidence of transmission of a pathogen causing gastroenteritis. An outbreak is confirmed by a review of cases by Medical Health Officer or designate.</u>
<p>Outbreak Detection and Confirmation</p>	<ul style="list-style-type: none"> • Immediately report and discuss a suspected gastroenteritis outbreak with a designate of the MHO (e.g. Environmental Health Officer [EHO], Licensing Officer [LO] or Public Health Nurse [PHN]) at Vancouver Coastal Health. An MHO or delegate will assess the case histories with the facility and will declare an outbreak, if indicated. <p>The local designate (EHO, LO or PHN) can be reached at the following numbers:</p> <p style="text-align: center;">Coast Garibaldi (604) 885-5164 Richmond (604) 233-3147 North Shore (604) 983-6700 Vancouver (604) 675-3900</p>

<p>Outbreak Management</p>	<ul style="list-style-type: none"> • Absence Due to Illness: For absence due to illness, attempt to include the symptoms i.e. vomiting, diarrhea, fever, abdominal pain etc. Forward the attendance record as and when requested to the MHO or designate (See page 4 – Record of Children Absent Due Gastroenteritis Illness). • General <ul style="list-style-type: none"> - Inform parents that children have been experiencing GI symptoms. See section 2, “<i>Facts about Diarrhea, Vomiting & Fever</i>”, in ‘Sneezes & Diseases’ - If the causative agent of the outbreak e.g. Norovirus, Rotavirus etc. is confirmed by Public Health, post, for parents, the relevant fact sheet from section 3, “<i>Sneezes & Diseases Fact Sheets</i>” in ‘Sneezes & Diseases’ http://www.vch.ca/media/SneezesDiseases.pdf - Where appropriate, cancel mixed age group activities, social events, outings etc. • Exclusion <ul style="list-style-type: none"> - <u>Children & Staff:</u> should not attend the facility for at least 48 hours after their last GI symptom or as directed by the MHO or designate. - <u>Food handlers:</u> should not attend the facility for at least 72 hours after their last GI symptom or as directed by the MHO or designate. - Remind excluded staff that they may not work at other facilities during this period. - Staff with no symptoms may continue to work at child care facilities. - Staff should self-monitor for GI symptoms and report illness as per the employer’s protocol. - Staff ill at the facility must report the incident immediately to their supervisor. Ensure the area where the GI episode occurred is cordoned off until thoroughly cleaned and disinfected. • Hand Washing <ul style="list-style-type: none"> - Review hand washing protocol with staff. Hand washing with liquid soap & water is strongly recommended. - Staff and parents may use alcohol (70% ethanol/ethyl alcohol or 1 propanol) based hand sanitizer as an alternative to liquid soap & water, if hands are not visibly soiled and a sink is not readily available. Note: Isopropyl alcohol hand sanitizers are not considered effective against non-enveloped viruses such as Norovirus. • Enhanced Cleaning & Disinfection <ul style="list-style-type: none"> - Refer to section 1, Prevention, in ‘Sneezes & Diseases’, “Guidelines for Cleaning & Sanitizing in a Child Care Centre” and “Guidelines for Cleaning Toys in a Child Care Centres/Schools” - Increase the frequency of cleaning and disinfection of common touch surfaces such as door handles, sink/toilet handles, chairs, tables, crib-rails, playpen rails, counters, stair rails etc. - Increase the strength of the bleach for common touch surfaces to a 1:50 solution. Prepare fresh bleach solution daily using 4 teaspoons (20mL) of domestic 5.25% bleach to 1 liter of water to produce a concentration of about 1000 parts per million (PPM). The surface must stay wet for at least one minute and then let air dry. http://www.vch.ca/media/SneezesDiseases.pdf • Cleaning up vomit or feces
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	<ul style="list-style-type: none"> - Refer to section 1, Prevention, in ‘Sneezes & Diseases’, “Guidelines for Cleaning Spills of Blood & Body Fluids”. http://www.vch.ca/media/SneezesDiseases.pdf • Laundry <ul style="list-style-type: none"> - Use disposable gloves to handle soiled laundry. - Wash with detergent in hot water and then hot air dry. - Ensure clean mattress covers, linens, pillow slips, hand towels etc. are being provided for each child on a daily basis. • Food <ul style="list-style-type: none"> For the duration of the outbreak: <ul style="list-style-type: none"> - Assign staff to food preparation duties only i.e. avoid having the same staff prepare food and change diaper’s on the same day. - Staff must serve children’s lunches and snacks etc. - For the duration of the outbreak, avoid serving food i.e. cake, sliced fruit, cookies etc. prepared at parent’s home for group events, birthday’s etc.
Specimen Collection	<ul style="list-style-type: none"> - Public Health staff will notify the BCCDC of the outbreak. - Specimen kits with the BCCDC GI Disease Outbreak Requisition form will be provided for children and/or staff by Public Health. - Public Health (EHO, LO or PHN) will clarify the details for specimen delivery to BCCDC.
Outbreak - Termination	<ul style="list-style-type: none"> - The MHO or designate, in consultation with the facility will declare the outbreak over. - An outbreak is normally declared over by the MHO when two incubation periods have passed since the resolution of symptoms in the last case (e.g., 96 hours for Norovirus) An outbreak summary must be sent to the MHO or designate (see page 5 - VCH Enteric Outbreak Summary Form)

References:

1. VCH – Sneezes & Diseases, A Resource Book for Caregivers & Parents -2008.
2. BCCDC – Management of Gastrointestinal Illness Outbreaks in Child Care Facilities-Jan. 2011
3. Gastrointestinal infection Outbreak Guideline Working Group - Provincial Infection Control Network of British Columbia. Gastrointestinal Infection Outbreak Guidelines for Healthcare Facilities – June 2010.
4. Park GW, Barclay, Macinga D, Charbonneau D, Pettigre CA, Vinje J. Dision of Viral Disease, Centers for Disease Control and Prevention, Atlanta, Georgia, USA. Comparative efficacy of seven hand sanitizers against murine norovirus, feline calicivirus, and GII.4 norovirus. J Food Protection 2010 Dec: 73 (12): 2232-8

Record of Children or Staff Absent due to Gastroenteritis Illness

FACILITY:	CONTACT PERSON:	TELEPHONE:				
TODAY'S DATE:	Coast Garibaldi Health Protection Phone: (604) 892-2793 North Shore Health Protection Phone: (604) 983-6700 Richmond Health Protection Phone: (604) 233-3147 Vancouver CDC Phone: (604) 675-3900	Fax: (604) 892-2327 Fax: (604) 983-6702 Fax: (604) 233-3175 Fax: (604) 731-2756				
OUTBREAK DEFINITION: Three (3) or more cases of gastroenteritis in children and/or staff in the same setting, within a short period of time.						
<small>NOTE: a case of gastroenteritis is a child or staff with more loose bowel movements than usual or the bowel movements are more watery or unformed than usual e.g. 2 or more liquid or watery stools in a 24hour period, OR an episode of unexplained vomiting, OR one episode each of vomiting and diarrhea in a 24 hour period, OR one episode of bloody diarrhea, OR a lab confirmation of a known enteric pathogen with at least one symptom compatible with a gastrointestinal infection i.e. nausea, vomiting, diarrhea, abdominal pain etc. OR GI symptoms reported to facility as reason of absence.</small>						
INSTRUCTIONS: <ol style="list-style-type: none"> 1. Report and record all cases of gastroenteritis using the table below. 2. Use a new form to daily update any new cases. 3. When requested; fax or email this form to the Health Protection office in your area. 						
Name	Child or Staff	Program	Onset Date	Symptoms (See below)	Location of child during Onset of symptoms (e.g. Home, facility)	Date of Return

SYMPTOMS: V = Vomiting D = Diarrhea N = Nausea F = Fever H = Headache A = Abdominal Pain
PROGRAMS: IN = Infant T = Toddler TF= 2.5-5yrs PS = Preschool

VCH Enteric Outbreak Summary Form – Licensed Child Care

Complete and fax this form to your local Health Protection or CCFL Office as soon as possible after the outbreak is declared over by the Medical Health Officer or designate.

Facility Name: _____ Facility Address: _____ HSDA: <input type="checkbox"/> Coast Garibaldi <input type="checkbox"/> North Shore <input type="checkbox"/> Richmond <input type="checkbox"/> Vancouver Reported by: _____ Telephone: (____)____-____

Date of onset in first case: _____ (DD/MM/YY) Date of onset in last case: _____ (DD/MM/YY)

Date outbreak declared: _____ (DD/MM/YY) Date outbreak declared over: _____ (DD/MM/YY)

Lab information:

Were specimens sent for testing? Yes, Lab: _____, Results: _____
 No
 Unknown

Predominant symptoms:

- Nausea Diarrhea Bloody diarrhea Fever Vomiting Headache Abdominal Pain/cramps
- Other (specify) _____ Other (specify) _____

Summary of enteric cases:

# cases in children.....	<input type="text"/>	# cases in staff.....	<input type="text"/>	# clinical cases.....	<input type="text"/>
Total # of children.....	<input type="text"/>	Total # of staff.....	<input type="text"/>	# laboratory confirmed cases....	<input type="text"/>
				# cases hospitalized.....	<input type="text"/>

Actions taken: (check all that apply)

- Parent notification Limitation of group activities
 Exclusion of ill staff Outbreak protocol disinfection
 Exclusion of ill children
 Other actions: (describe): _____

Comments:



Attention

We presently have a number of children currently experiencing vomiting or diarrhea.

Please wash your hands and/or apply alcohol hand sanitizer before visiting and when leaving.

Thank-You

Wash Your Hands

손을 씻으세요 ਆਪਣੇ ਹੱਥ ਧੋਵੋ
洗手 دست هایتان را بشوئید
Lávese las manos Hãỵ rửa tay



Vancouver
CoastalHealth
Promoting wellness. Ensuring care.

BRITISH
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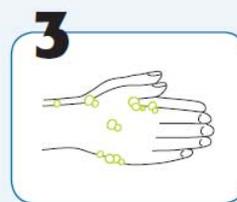
HOW TO HANDWASH



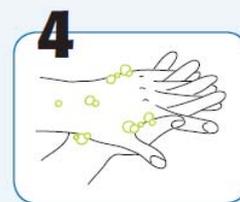
1
Wet hands with warm water.



2
Apply soap.



3
Lather soap and rub hands palm to palm.



4
Rub in between and around fingers.

Lather hands for a total of 30 seconds



5
Rub back of each hand with palm of other hand.



6
Rub fingertips of each hand in opposite palm.



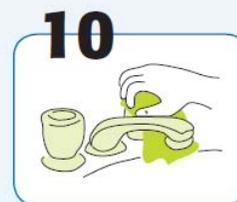
7
Rub each thumb clasped in opposite hand.



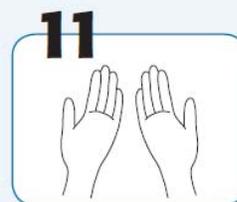
8
Rinse thoroughly under running water.



9
Pat hands dry with paper towel.



10
Turn off water using paper towel.



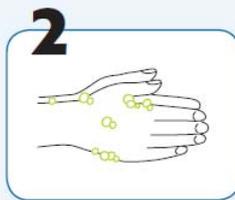
11
Your hands are now safe.



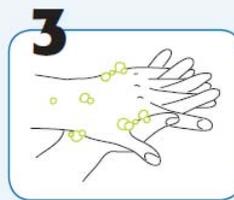
HOW TO HANDRUB



Apply 1 to 2 pumps of product to palms of dry hands.



Rub hands together, palm to palm.



Rub in between and around fingers.



Rub back of each hand with palm of other hand.



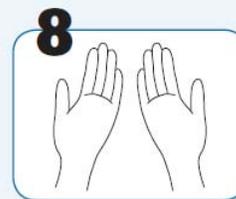
Rub fingertips of each hand in opposite palm.



Rub each thumb clapsed in opposite hand.



Rub hands until product is dry. Do not use paper towels.



Once dry, your hands are safe.

