


GUESS THE PATHOGEN – *Clostridium difficile*


SOURCE	REFERENCE
AMMI	<p>Loo, V. G., Davis, I., Embil, J., Evans, G. A., Hota, S., Lee, C., Lee, T. C., Longtin, Y., Louie, T., Moayyedi, P., Poutanen, S., Simor, A. E., Steiner, T., Thampi, N., & Valiquette, L. (2018). Association of Medical Microbiology and Infectious Disease Canada treatment practice guidelines for <i>Clostridium difficile</i> infection. <i>Official Journal of the Association of Medical Microbiology and Infectious Disease Canada</i>, 3.2. https://doi.org/10.3138/jammi.2018.02.13 https://www.ammi.ca/Content/AMMI%20Canada%20treatment%20practice%20guidelines%20for%20Clostridium%20difficile%20infection.pdf</p>
APIC	<p>Association for Professionals in Infection Control and Epidemiology. (2013). <i>Guide to preventing Clostridium difficile infections</i>. https://apic.org/wp-content/uploads/2019/02/2013CDiffFinal.pdf</p>  <p>APIC Guide to Preventing CDI (2013)</p> <p>Association for Professionals in Infection Control and Epidemiology. (n.d.). <i>Clostridioides difficile</i>. Retrieved October 19, 2020, from https://apic.org/resources/topic-specific-infection-prevention/clostridium-difficile/</p> <p>Association for Professionals in Infection Control and Epidemiology. (2009). <i>Clostridium difficile</i>. Retrieved October 19, 2020, from https://apic.org/monthly_alerts/clostridium-difficile/</p> <p>Association for Professionals in Infection Control and Epidemiology. (2012). <i>What you need to know about Clostridium difficile</i>. Retrieved October 19, 2020, from https://apic.org/monthly_alerts/what-you-need-to-know-about-clostridium-difficile/</p>
CADTH	<p>Multiple <i>Clostridioides (Clostridium) difficile</i> articles are available from CADTH: https://www.cadth.ca/reports?keywords=&dandc%5B%5D=107521&sort=field_date%3Avalue-desc&amount_per_page=30&email_address=&page=1</p>
CCDR	<p>Xia, Y., Tunis, M. C., Frenette, C., Katz, K., Amaratunga, K., Rhodenizer Rose, S., House, A., & Quach, C. (2019). Epidemiology of <i>Clostridioides difficile</i> infection in Canada: A six-year review to support vaccine decision-making. <i>Canadian Communicable Disease Report</i>, 45(7/8), 191-211. https://doi.org/10.14745/ccdr.v45i78a04 https://www.canada.ca/content/dam/phac-aspc/documents/services/reports-publications/canada-communicable-disease-report-ccdr/monthly-issue/2019-45/issue-7-8-july-4-2019/ccdrv45i78a04-eng.pdf</p> <p>Canadian Nosocomial Infection Surveillance Program. (2020). Healthcare-associated infections and antimicrobial resistance in Canadian acute care hospitals, 2014-2018. <i>Canadian Communicable Disease Report</i>, 46(5), 99-112. https://doi.org/10.14745/ccdr.v46i05a01 https://www.canada.ca/content/dam/phac-aspc/documents/services/reports-publications/canada-communicable-disease-report-ccdr/monthly-issue/2020-46/issue-5-may-7-2020/ccdrv46i05a01-eng.pdf</p>
CIDRAP Open Forum ID	<p>Center for Infectious Disease Research and Policy. (2020, October 15). <i>German researchers report C. difficile pacemaker infection</i>. https://www.cidrap.umn.edu/news-perspective/2020/10/stewardship-resistance-scan-oct-15-2020</p> <p>Berkefeld, A., Berger, F. K., Gärtner, B. C., Wantia, N., Prinzing, A., Laugwitz, K., & Rothe, K. (2020). <i>Clostridioides (Clostridium) difficile</i> pacemaker infection [Abstract]. <i>Open Forum Infectious Disease</i>, ofaa487. https://doi.org/10.1093/ofid/ofaa487 https://academic.oup.com/ofid/advance-article/doi/10.1093/ofid/ofaa487/5922786</p>
CJIC	<p>McLeod, L. A. (2017). Expansion of a province-wide surveillance protocol to include community onset healthcare-associated <i>Clostridium difficile</i> infection. <i>Canadian Journal of Infection Control</i>, 32(1), 41-43. https://ipac-canada.org/photos/custom/CJIC/IPAC_Spring2017_McLeod.pdf</p>

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SOURCE	REFERENCE
CMAJ	Katz, K. C., Golding, G. R., Choi, K. B., Pelude, L., Amaratunga, K. R., Taljaard, M., Alexandre, S., Collet, J. C., Davis, I., Du, T., Evans, G. A., Frenette, C., Gravel, D., Hota, S., Kibsey, P., Langley, J. M., Lee, B. E., Lemieux, C., Longtin, Y., Mertz, D., Mieusement, M. D., . . . Thampi, N.; for the Canadian Nosocomial Infection Surveillance Program. (2018). The evolving epidemiology of <i>Clostridium difficile</i> infection in Canadian hospitals during a postepidemic period (2009-2015). <i>Canadian Medical Association Journal</i> , 190(25), E758-E765. https://doi.org/10.1503/cmaj.180013 https://www.cmaj.ca/content/190/25/E758
CPS	Allen, U. D.; Canadian Pediatric Society, Infectious Diseases and Immunization Committee. (2020). <i>Position statement Clostridium difficile in paediatric populations</i> . Canadian Pediatric Society. https://www.cps.ca/en/documents/position/clostridium-difficile-in-paediatric-populations
EID	Widmer, A. F., Frie, R., Kuijper, E. J., Wilcox, M. H., Schindler, R., Spaniol, V., Goldenberger, D., Egli, A., & Tschudin-Sutter, S. (2020). Multicenter prevalence study comparing molecular and toxin assays for <i>Clostridioides difficile</i> surveillance, Switzerland. <i>Emerging Infectious Diseases</i> , 26(10), 2370-2377. https://doi.org/10.3201/eid2610.190804 https://wwwnc.cdc.gov/eid/article/26/10/19-0804_article
Podcast	Gregory, S. (Host). (2020, September 23). Two ways of tracking <i>C. difficile</i> in Switzerland (Audio podcast episode). In <i>Emerging Infectious Diseases</i> . https://tools.cdc.gov/medialibrary/index.aspx#/media/id/411483
Government of SK	Saskatchewan – Guidelines for management of CDI Saskatchewan Infection Prevention and Control Program. (2018). <i>Guidelines for the management of Clostridium difficile Infection (CDI) in all healthcare settings</i> . Government of Saskatchewan. https://www.ehealthsask.ca/services/resources/Resources/CDI-Management-Guidelines-November-2018.pdf Saskatchewan – CDI surveillance protocol Saskatchewan Infection Prevention and Control Program. (2016). <i>Clostridium difficile Infection (CDI) surveillance protocol: Saskatchewan</i> . Government of Saskatchewan. https://www.ehealthsask.ca/services/resources/Resources/CDI%20Surveillance%20Protocol%20March%202016.pdf
Health Canada	Health Canada. (2020). <i>Guidance document Fecal microbiota therapy use in the treatment of Clostridium difficile infection not responsive to conventional therapies</i> . https://www.canada.ca/content/dam/hc-sc/migration/hc-sc/dhp-mps/alt_formats/pdf/brgtherap/applic-demande/guides/FMT-Guidance-Document-2020-03-27-en.pdf
IDA	van Paridon, B. (2020, October 13). <i>Futility concerns halt C. difficile vaccine trial</i> . Infectious Disease Advisor. https://www.infectiousdiseaseadvisor.com/home/topics/nosocomial-infections/futility-concerns-halt-c-difficile-vaccine-trial/?utm_source=newsletter&utm_medium=email&utm_campaign=ida-update-hay-20201014&cpn=&hmSubId=ilDxwcEdtq01&hmEmail=yngN9UFhT1oLeRhxZ03GxBFXmOEHWwwzU0D6gLZzHVomJry7Xf9SC7ID6fSEcVqz0&NID=&email_hash=f500eee13c28b99cd5e83a508a88aba6&mpweb=1323-108261-6668064
Lancet ID	de Bruyen, G., Gordon, D. L., Steiner, T., Tambyah, P., Cosgrove, C., Martens, M., Bassily, E., Chan, E., Patel, D., Chen, J., Torres-Cisneros, J., Francesconi, C. F. M., Gesser, R., Jeanfreau, R., Launay, O., Laot, T., Morfin-Otero, R., Oviedo-Orta, E., Park, Y. S., Piazza, F. M., Rehm, C., . . . Gurunathan, S. (2020). Safety, immunogenicity, and efficacy of a <i>Clostridioides difficile</i> toxoid vaccine candidate: a phase 3 multicentre, observer-blind, randomised, controlled trial. <i>The Lancet Infectious Diseases</i> . Advanced online publication. https://doi.org/10.1016/S1473-3099(20)30331-5 https://www.thelancet.com/journals/laninf/article/PIIS1473-3099(20)30331-5/fulltext#
PHAC	Al-Rawahi, G., Collet, J. C., Choi, K., Chow, B., Comeau, J., Davis, I., Du, T., Evans, G., Frenette, C., Golding, G., Han, G., Hota, S., Johnstone, J., Katz, K., Kibsey, P., Langley, J., Lee, B., Longtin, Y., Mertz, D., Minion, J., Pelude, L., . . . Wong, A. (2020). <i>Surveillance for Clostridium difficile Infection (CDI) CDI surveillance protocol</i> . Canadian Nosocomial Infection Surveillance Program. https://ipac-canada.org/photos/custom/Members/CNISPpublications/CNISP%202020%20CDI%20Protocol_EN.pdf

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	<p>Public Health Agency of Canada. (2014). <i>Fact sheet – Clostridium difficile (C. difficile)</i>. Government of Canada. Retrieved October 19, 2020, from https://www.canada.ca/en/public-health/services/infectious-diseases/fact-sheet-clostridium-difficile-difficile.html</p> <p>Public Health Agency of Canada. (2013). <i>Clostridium difficile infection: Infection prevention and control guidance for management in acute care settings</i>. Government of Canada. Retrieved October 19, 2020, from https://www.canada.ca/en/public-health/services/infectious-diseases/nosocomial-occupational-infections/clostridium-difficile-infection-prevention-control-guidance-management-acute-care-settings.html</p> <p>Public Health Agency of Canada. (2013). <i>Clostridium difficile infection: Infection prevention and control guidance for management of long-term care facilities</i>. Government of Canada. Retrieved October 19, 2020, from https://www.canada.ca/en/public-health/services/infectious-diseases/nosocomial-occupational-infections/clostridium-difficile-infection-prevention-control-guidance-management-long-term-care-facilities.html</p>
PHO	Public Health Ontario. (2019). <i>Clostridium difficile infection (CDI)</i> . Retrieved October 19, 2020, from https://www.publichealthontario.ca/en/diseases-and-conditions/health-care-associated-infections/cdi
SHA	<p>Spectrum – mobile application to help physicians, pharmacists, nurses, and other health-care professionals optimize antimicrobial prescribing and minimize antimicrobial resistance. The app includes a rate for <i>Clostridium difficile</i> infection risk for each antibiotic. For more information, please see: https://sharepoint.ehealthsask.ca/sites/saskhealthauthority/physicians/Pages/Spectrum-MD.aspx</p> <p>https://spectrum.app/</p>
SHEA	Society for Healthcare Epidemiology of America. (n.d.). <i>New Clostridium difficile guidelines</i> . https://shea-online.org/index.php/journal-news/website-highlights/572-new-clostridium-difficile-guidelines
CID	<p>McDonald, L. C., Gerding, D. N., Johnson, S., Bakken, J. S., Carroll, K. C., Coffin, S. E., Dubberke, E. R., Garey, K. W., Gould, C. V., Kelly, C., Loo, V., Sammons, J. S., Sandora, T. J., & Wilcox, M. H. (2018). Clinical practice guidelines for <i>Clostridium difficile</i> infection in adults and children: 2017 update by the Infectious Diseases Society of America (IDSA) and Society for Healthcare Epidemiology of America (SHEA). <i>Clinical Infectious Diseases</i>, 66(7), e1-e48.</p> <p>https://doi.org/10.1093/cid/cix1085</p> <p>https://academic.oup.com/cid/article/66/7/e1/4855916</p>

Webber	<p>McLaren, K. (2020). <i>Hospital laundry and C. difficile spore inactivation</i> [Webinar]. Webber Training Teleclass. https://webbertraining.com/files/library/docs/940.pdf</p> <p>Safdar, N. (2019). <i>Clostridium difficile prevention using a human factors and systems engineering approach</i> [Webinar]. Webber Training Teleclass. https://webbertraining.com/files/library/docs/890.pdf</p> <p>Objective of the Session</p> <ol style="list-style-type: none">1. Identify how to apply a systems engineering approach to <i>C. difficile</i> prevention2. Describe the complementary data collection approaches useful in characterizing <i>C. difficile</i> prevention efforts3. Examine the interprofessional aspects of <i>C. difficile</i> prevention <p>Longtin, Y. (2018). <i>Clostridium difficile asymptomatic carriers – the hidden part of the iceberg?</i> [Webinar]. Webber Training Teleclass. https://webbertraining.com/files/library/docs/825.pdf</p> <p>Objectives</p> <ol style="list-style-type: none">1. Review the epidemiology of <i>C. difficile</i> infections with emphasis on the role of asymptomatic carriers2. Explore novel avenues to prevent <i>C. difficile</i> infections and their potential impact on hospital burden3. Provide additional insight
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To watch recordings and find more *C. difficile* webinars, visit the below link and enter “Clostridium difficile” in the library search field:

<https://webbertraining.com/recordingslibrary4.php>