

Clostridium difficile Infection Information Sheet

- *Clostridium difficile* infection (CDI) is the number one cause of death due to infectious diarrhea and leading cause of healthcare-associated infection in Canada. The rate of community-associated CDI has increased and the incidence of multiple recurrent CDI has risen by 190% over the past decade.
 - Approximately 1 in 4 people experience a recurrence after initial CDI treatment and more than 60% will experience another episode CDI following 2 or more recurrences of CDI.
- CDI is diagnosed by combining clinical presentation of very loose to watery bowel movements several times per day, abdominal pain AND a positive stool CD toxin test.
- Treatment:
 - The current standard of treatment for recurrent CDI is prolonged course of oral vancomycin, which has limited efficacy
 - Fecal Microbiota Transplant or FMT uses stool from healthy screen donors to treat multiple recurrent CDI
 - Health Canada allows frozen and thawed FMT to be provided to patients with recurrent CDiff infection outside of research
- Research studies are using lyophilized or freeze-dried FMT to treat patients with recurrent CDiff infection and other clinical indications

If you are interested in learning more about FMT or you are interested in referring patients with recurrent CDI to enroll in research, [here's how to contact us](#):



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<https://www.islandhealth.ca/research-capacity-building/current-research>