



A LEADING-EDGE SOLUTION FROM THE FLEXI-SEAL® FMS FAMILY OF FECAL MANAGEMENT SYSTEMS

It can hit any hospital.



Flexi-Seal SIGNAL
The seal of innovation™

Contain *C. difficile* before it strikes.



Flexi-Seal® SIGNAL™ FMS is a closed system that minimizes exposure to potentially infectious waste.



C. difficile

Are you aware of the consequences?

Clostridium difficile is a nosocomial infection that can cause diarrhea and life-threatening intestinal conditions such as pseudomembranous colitis, toxic megacolon, sepsis and death.¹ Antibiotic treatment is the most widely recognized risk factor for *C. difficile* infection.²

C. difficile causing outbreaks in Canada

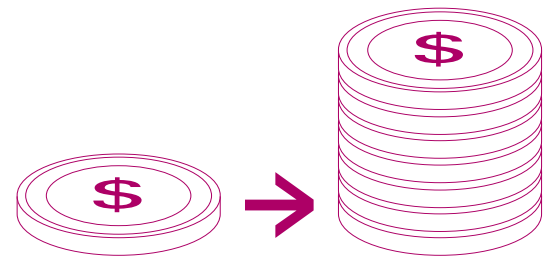
- During a *C. difficile* outbreak in Quebec the incidence rate reached 22.5 cases per 1,000 admissions.³
- Mortality rate during the outbreak was 24.8% with *C. difficile*-associated diarrhea being the attributable cause of death in 6.9% of the cases.³
- In 2007 the national incidence rate was estimated to 4.74 per 1,000 admissions.⁴

Clostridium difficile infection per province
Incidence rate per 1,000 admissions⁴



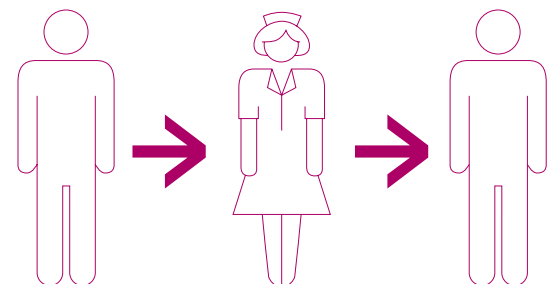
Impact on the cost of treatment

- Infection-related costs estimated to Can\$12,456 per patient.⁵
- Increases length of stay by 13.6 additional days per patient.⁵
- Increases nursing time.
- Creates a need for patient isolation.
- Creates a need for increased use of drugs.



The spread of C. difficile – the biggest problem of all

- *C. difficile* spores can survive for up to five months in the environment.⁶
- *C. difficile* can be acquired from contact with contaminated surfaces.⁷
- *C. difficile* is transmitted via a fecal-oral route⁷ and through the air.⁸



Flexi-Seal® SIGNAL™ FMS

Scientifically proven to contain *C. difficile*.^{9,10}

Fecal management systems can only play a role in minimizing environmental bacterial load if they effectively contain the *C. difficile*-spores.

Effective containment

In-vitro study results demonstrate that Flexi-Seal® FMS and the unique Flexi-Seal® Filtered Collection Bags:

- Effectively contain *C. difficile*.
- Minimize the airborne spread of *C. difficile* spores by reducing the need to release excess air from the collection bag.
- Are valuable infection control tools when managing patients with *C. difficile*.

“As part of an integrated protocol of care to reduce *C. difficile* infection, Flexi-Seal® FMS contributed to reduce the rate of *C. difficile* infection by 50%.”¹¹

FlexiSeal SIGNAL™
The seal of innovation™

Are you doing all you can
to stop infection from spreading?

Flexi-Seal® SIGNAL™ FMS is a closed system that minimizes the exposure to potentially infectious waste.

Unique charcoal membrane filter provides efficient venting and stops the collection bag from ballooning.



Flexi-Seal® FMS: The Most Widely Used Fecal Management System¹²

Engineered by a company with a heritage of over 30 years of experience in wound, ostomy, and skin care.

Continuous innovations to Flexi-Seal® FMS address the needs of patients and caregivers

Flexi-Seal®
SIGNAL™
FMS

Original innovative design *plus* unique Signal indicator

Flexi-Seal®
FMS

Original innovative design

To learn more, call our Customer Relations Center (Registered nurses on staff) at
1-800-465-6302
Monday – Friday 8:00 AM – 6:00 PM, (EST)
www.convatec.ca



Ordering information

Flexi-Seal® SIGNAL™ FMS

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|--|--------|
| Flexi-Seal® SIGNAL™ FMS Kit* (1 kit/box) | 418000 |
| Flexi-Seal® FMS Collection Bag (10/box) | 411102 |

Flexi-Seal® FMS

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| Flexi-Seal® FMS Kit* (1 kit/box) | 411100 |
| Flexi-Seal® FMS Collection Bag (10/box) | 411101 |

* Each kit comes with 3 collection bags.

References: **1.** Jarvis WR, Schlosser JA, Jarvis AA, Chinn RY. National point prevalence study of *Clostridium difficile* in US health care facility inpatients, 2008. The Association for Professionals in Infection Control and Epidemiology, Inc. (APIC). Am J Infect Control 2009;37:263-70 **2.** Blossom DB, Clifford McDonald L. The challenges posed by reemerging *Clostridium difficile* infection. CID, 2007;45:222-7 **3.** Loo VG, Poirier L, Miller MA, et al. A predominantly clonal multi-institutional outbreak of *Clostridium difficile*-associated diarrhea with high morbidity and mortality. N Engl J Med 2005;353(23):2442-9 **4.** Canadian Nosocomial Infection Surveillance Program, Surveillance for *Clostridium difficile* associated diarrhea (CDAD), Preliminary results from January 1st to April 30th, 2007 **5.** Miller MA, Hyland M, Ofner-Agostini M, Gourdeau M, et al. Morbidity, mortality and healthcare burden of nosocomial *Clostridium difficile*-associated diarrhea in Canadian hospitals. Infection Control and Hospital Epidemiology. 2002; 23(3):137-140 **6.** *Clostridium difficile*: a sometimes fatal complication of antibiotic use. PA PSRS Patient Saf Advis 2005 Jun;2(2):1-8. **7.** Guide to the elimination of *Clostridium difficile* in Healthcare settings. Association for Professionals in Infection Control and Epidemiology (APIC) 2008. **8.** Best EL, Fawley WN, Parnell P, Wilcox MH. The potential for airborne dispersal of *Clostridium difficile* from symptomatic patients, CID, 2010;50:1450-57 **9.** Containment of *Clostridium difficile* by the Flexi-Seal® Faecal Management System: an In Vitro Study. WHR13107 MA106. May 8 2008. Data on file, ConvaTec. **10.** Use of Filtered Faecal Collection Bags to Contain *Clostridium difficile*: an In vitro Study. WHR13274 MA138. 25 September 2009. Data on file, ConvaTec **11.** Why Flexi-Seal® FMS can help with *C. difficile* control. A series of customer experiences, Maidstone and Tunbridge Wells NHS Trust, 2008, ConvaTec Inc. **12.** ConvaTec US Category Market Share Report, 2009 4th Quarter. Data on file, ConvaTec.

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