

Clostridium difficile Infection (CDI) Outbreak Management

CDI Algorithm for Facilities Without AHS Infection Prevention Control Support

Are there 2 or more cases in a 10 day period? Case definition: Resident has diarrhea* and laboratory confirmation of a C. difficile toxin, OR Resident has fever with abdominal pain/ileus and laboratory confirmation of a positive toxin assay for C. difficile, OR Physician diagnosis of pseudomembranes on endoscopy or pathology, OR Diagnosed with toxic megacolon. *Diarrhea is defined as 3 or more unformed/watery stools (Type 6 or 7 on the Bristol Stool Chart in a 24 hour period and this is new or unusual for the resident or 6 or more unformed/watery stools (Type 6 or 7) in a 36 hour period and this is new or unusual for the resident NO YES Prevent the spread: Initiate contact precautions for confirmed & suspect cases. Placement in private room with dedicated washroom is preferred or dedicate a commode if possible. Continue with routine practice, Send stool specimens on suspect cases for CDI testing. including good hand hygiene and watch Review medications the resident is on with a pharmacist. closely for more cases. Dedicated equipment for this resident only. Wash hands before and after care with soap and water. Place Contact Precautions- Sporicidal Clean on case's doors. Notify Environmental Services of the need for sporicidal clean. Limit resident movement outside the room. Cohort staff to work exclusively with CDI residents if possible. Call **Environmental Public Health (EPH)** 1-866-654-7890 EPH: Initiates an outbreak notification meeting with Site Management. Food Services: Restrict access to communal nutrition centres to staff only. Next Steps: Housekeeping: Monitor residents for new cases. Increase cleaning of touch surfaces at least twice daily with regular Track bowel movements with a log. disinfectant (handrails, doorknobs, light switches, etc.) in affected Check with Outbreak Response Lead regarding new admissions and transfers Clean and disinfect rooms of residents with CDI or suspected to have Inform visitors of outbreak recommendations- POST signs at CDI twice daily with a sporicidal agent. Place linen hamper inside resident's room.

Dedicate toilet brushes for residents with or suspected to have a CDI.

The outbreak may be declared over only after consultation

with the Outbreak Response Lead.