Clostridium difficile Infection: How to Deal with the Problem

CDI in the Community

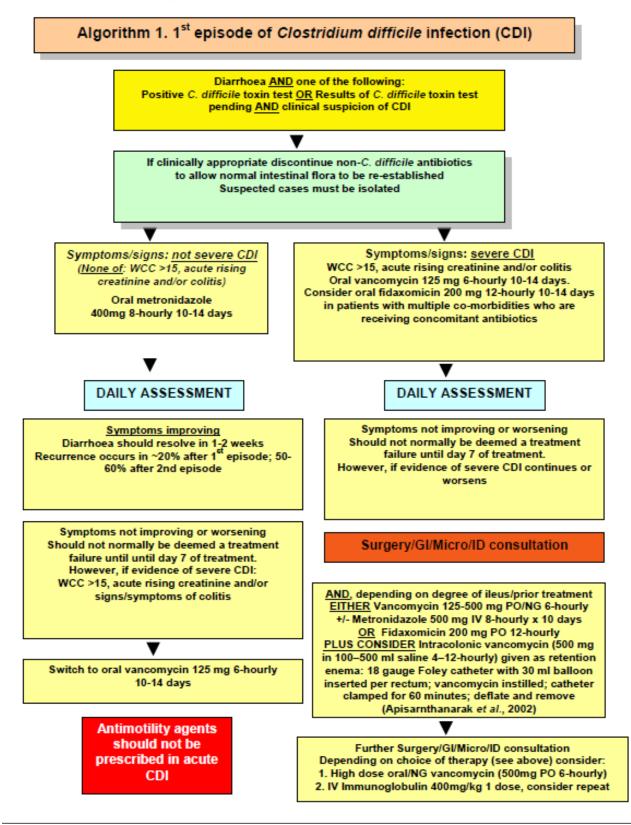
- All cases of diarrhoea (Type 5-7 Bristol Stool Chart / liquid stool that takes the shape of the container) among people in the community aged 2 years and above should be investigated for CDI unless there are good clinical or epidemiological reasons not to.
- Clinicians (doctors and nurses) should apply the following mnemonic protocol (SIGHT) when managing suspected potentially infectious diarrhoea:

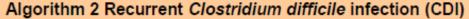
S	S uspect that a case may be infective where there is no clear alternative cause for diarrhoea		
I	Isolate the patient and consult with the infection Prevention Control Team (IPCT) while determining the cause of the diarrhoea		
G	Gloves and aprons must be used for all contacts with the patient and their environment		
н	Hand washing with soap and water should be carried out before and after each contact with the patient and the patient's environment		
Т	Test the stool for toxin, by sending a specimen immediately		

- Patients should be monitored daily for frequency and severity of diarrhoea. If patient is in a care home advise home to use the Bristol Stool Chart.
- All antibiotics that are clearly not required should be stopped, as should other drugs that cause diarrhoea.
- When CDI is identified follow Algorithm page 33 Clostridium *difficile* Infection: How to Deal with the Problem, DOH 2008
- Assess the severity of CDI <u>each day</u> Mild CDI is not associated with a raised WCC; typically associated with <3 stools of type 5-7 Bristol Stool Chart Moderate CDI is associated with a raised WCC that is <15x 10⁹ /L; typically associated with 3-5 stools per day Severe CDI is associated with a WCC > 15x10⁹/L or rising serum creatinine, or temp >38.5C or evidence of severe colitis. The number of stools may be a less reliable indicator of severity. Life Threatening CDI includes hypotension, partial or complete ileus or toxic megacolon.
- The use of antimotility agents is contra indicated in suspected infective diarrhoea. For further guidance see page 17 Clostridium *difficile* Infection: How to Deal with the Problem, DOH 2008
- Following treatment for CDI a negative stool specimen is not required. A patient may carry the toxin in their gut for several months after recovery.
- Relapse occurs in up to 50% of cases.
- Issue patient with the Green CDI card. For more info www.northwest.nhs.uk/cdiff

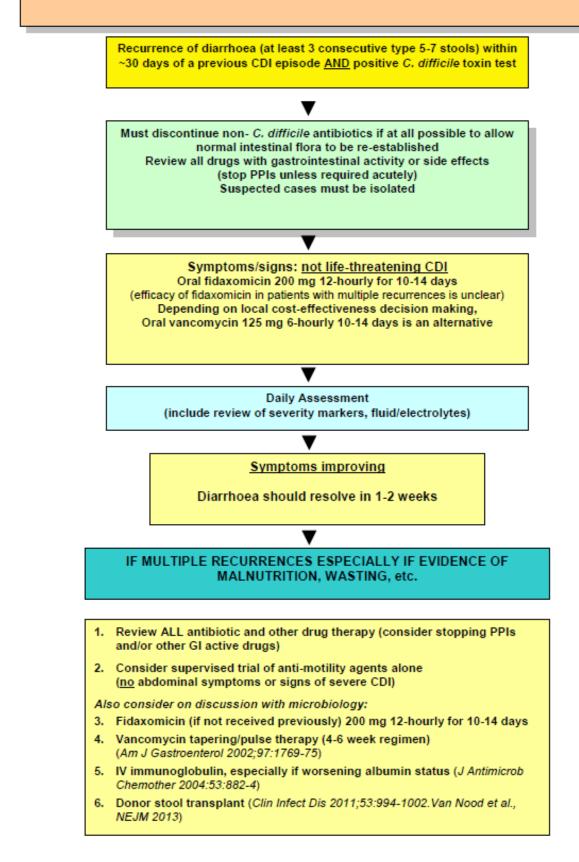
Updated guidance on the management and treatment of Clostridium difficile infection

4. Treatment algorithms





Recurrent CDI occurs in ~15-30% of patients treated with metronidazole or vancomycin



Туре 1	••••	Separate hard lumps, like nuts (hard to pass)
Туре 2		Sausage-shaped but lumpy
Туре З		Like a sausage but with cracks on its surface
Type 4		Like a sausage or snake, smooth and soft
Type 5		Soft blobs with clear-cut edges (passed easily)
Туре б		Fluffy pieces, a mushy stool
Туре 7		Watery, no solid pieces ENTIRELY LIQUID

Appendix 1: The Bristol Stool Form Scale

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Department of Health (2009) Clostridium *difficile* infection: How to deal with the problem. London: Department of Health <u>http://www.dh.gov.uk/en/Publicationsandstatistics/Publications/PublicationsPolicyAndGuidan</u> <u>ce/DH_093220</u>