Bundle for preventing cross transmission when an individual has known or suspected CDI

Statement: Clostridium difficile is the most common cause of intestinal infections associated with antimicrobial treatments which have been given to treat other infection and is recognised as an important cause of healthcare associated infection.

Objective: To optimise care of patients with CDI.
To be able to demonstrate quality care of patients with CDI in our ward.

It should be decided locally how to implement this checklist. Consideration should be given to SPSP PDSA testing in addition to when it is completed, how often it is completed, who completes it and how the data are collected and outcomes fed back. (Pt=patient)

Patients with CDI	Pt 1		Pt 2		Pt 3		Pt 4		Pt 5		Example	
1. Patients with CDI are isolated in a single room with en suite facilities or an allocated commode, until they are at least 48 hours symptom free and bowel movements have returned to patient's normal	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	(Yes)	No
2. Antibiotic therapy has been reviewed today and unnecessary antibiotics have been stopped as indicated by local antimicrobial policy	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	(Yes)	No
3. Personal protective equipment i.e. gloves and aprons are donned prior to and subsequently removed following each period of care activity	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	(Yes)	No
4. The immediate environment has been cleaned at least daily using neutral detergent followed by a disinfectant containing 1000 ppm available chlorine (or a combined detergent/disinfectant 1000ppm av cl)	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	(No)
5. Ensure that hand washing is performed after body fluid exposure during patient care and after touching a patient's surroundings following a period of care activity (WHO Moments 3 and 5)	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	(No)
6. Ensure that patients have access to handwashing facilities and promote hand washing after patient uses toileting facilities and before eating	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	(Yes)	No
7. Care equipment e.g. blood pressure cuffs, thermometers and stethoscopes is dedicated to a single patient with CDI	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	(Yes)	No

Action Plan (complete when **not** all criteria met)

Compliance Monitoring

	Summary Table of patient with CDI bundle	Total	Calculation for percentage compliance for each criteria	Percentage compliance
A	Total number of patients			
B	Total number of patients with CDI that are isolated in a single room with en suite facilities or an allocated commode, until they are at least 48 hours symptom free and bowel movements have returned to patient's normal		Total for B Total for A X 100	
C	Total number of patients where Antibiotic therapy has been reviewed today and unnecessary antibiotics have been stopped as indicated by local antimicrobial policy		Total for C Total for A X 100	
D	Total number of patients where personal protective equipment i.e. gloves and aprons were donned prior to and subsequently removed following each period of care activity		Total for D Total for A X 100	
E	Total number of patients whose immediate environment has been cleaned at least daily using neutral detergent followed by a disinfectant containing 1000 ppm available chlorine (or a combined detergent/disinfectant 1000ppm av cl)		Total for E Total for A X 100	
F	Total number of patients who where hand washing is performed after body fluid exposure during patient care and after touching a patient's surroundings following a period of care activity (WHO Moments 3 and 5)		Total for F Total for A X 100	
G	Total number of patients who have access to handwashing facilities and have had hand washing promoted to them for use after toileting facilities and before eating		Total for G Total for A X 100	
H	Total number of patients whose care equipment e.g. blood pressure cuffs, thermometers and stethoscopes is dedicated to a single patient with CDI		Total for H Total for A X 100	

Summary Table of patient with CDI checklist	
Total Percentage compliance = $\dfrac{\text{total number of criteria achieved}}{\text{total number of criteria}}$ X 100	Example: For 5 patients (all criteria met) For 2 patients (3 criteria **not** met) $\dfrac{25}{25}$ X 100 = 100% $\dfrac{7}{10}$ X 100 = 70%