

# PERFORMANCE ASSURANCE PROCESS FOR KEY PERFORMANCE INDICATORS FOR HCAI AMR IN ACUTE HOSPITALS

Reference No.: HCAI/AMRP005					Version No.:		4		
Develope	d By:	Anti	ntimicrobial Resistance and Infection Control Team						
Publication	on Date:	Februa	ary 2018		Review Date:	28/06/2018			
Approved By:			Martin Cormica C National Clin		Date Approved: 2		26/01/2018		
Related D	Ocuments:	Refere	ence other AM	RIC Team Documents (	www.hse.ie/hcai)				
Method of Communication/Distribution:			ribution:	Email and website					
Responsibility for Implementation:			on:	Acute Operations Hospital G			Groups / Hospitals		
Responsi	ibility for Revie	w of Do	cument:	Prof. Martin Cormican, AMRIC National Clinical Lead					
Revision	History:								
Version	Date Approv	/ed		Change	es		Section No.:		
01 August 2016 New policy de				veloped			Not applicable		
02	January 20	18	Policy updated				Not applicable		
03 June 2018 Responsibility				for Implementation		Not applicable			
04	July 2018	1	Updated RCA	forms			Appendix C		

Issued by M Cormican (MCRN 011105) National Lead HCAI & AMR (10/08/18)



## Introduction

Healthcare associated infections (HCAI) and antimicrobial resistance are key patient safety issues for the Health Service Executive. In relation to HCAIs a number of Key Performance Indicators (KPIs) have been developed. In addition, the Health Protection Surveillance Centre (HPSC) collects surveillance information on key pathogens and report regularly on trends.

Surveillance systems are in place in acute hospitals to facilitate the collection and management of KPIs. Work is planned to address surveillance systems for non-acute settings and thus a system for monitoring KPIs in these settings.

In 2017, three KPIs were identified for inclusion in National Service Plan and additional KPIs were identified for scoping/ testing with the intention of adding to the suite in 2018.

## **KPIs on HCAI in 2017 National Service Plan**

Target
90%
< 1/10,000 Bed days used
< 2/10,000 Bed days used

## KPIs on HCAI in 2018 National Service Plan

Health Care Associated Infections (HCAI)	Target
Rate of new cases of Hospital acquired Staphylococcus. aureus bloodstream infection	< 1/10,000 Bed days used
Rate of new cases of Hospital acquired <i>C. difficile</i> infection	< 2/10,000 Bed days used
No. of New cases of CPE	N/A
% of acute hospitals implementing the requirements for screening of patients with CPE guidelines	100%
% of acute hospitals implementing the national policy on restricted anti-microbial agents	100%

In addition the HSE Business Intelligence Unit started collecting data in 2017 relating to the number of newly detected patients with CPE positive results, number of swabs taken for CPE and Meropenem dispensing.

A performance assurance process has been developed for KPI reporting, management and escalation in the acute hospital setting and is outlined below.

Functions/TOR

stewardship

action and reporting

## Core Hospital IPC/AMS Team:

- Microbiologist (Lead)
- Infection Control Nurse(s)
- Antimicrobial pharmacist
- Surveillance scientist
- Administrative support
- Others as appropriate

## **Core Hospital IPC/AMS Committee**

- GM/CEO (Chair)
- Clinical Director
- **Director of Nursing**
- Consultant Microbiologist(s)
- Infection Control Nurses
- Antimicrobial pharmacist
- Surveillance scientist.
- Specialist in Public Health Medicine
- CHO Rep.
- **QPS** Lead
- Others (estates, cleaning)

## Outbreaks/incidents/situations for HCAI

Escalate issues in line with Procedure for

Provide guidance and support on surveillance

and management of HCAI and antimicrobial

Collate data for HCAI KPIs for local evaluation.

**Hospital Infection Control Team core** 

## **Hospital IPC/AMS Committee Functions/TOR**

- Review surveillance reports on major HCAI and AMR issues
- Approve annual IPC and Antimicrobial Stewardship plans and reports
- Provide guidance and support to CEO and team on surveillance and management of HCAI and antimicrobial stewardship
- Review and advise on IPC and stewardship gaps
- Escalate issues in line with Procedure for Outbreaks/incidents/situations for HCAI

## Hospital Group IPC/AMS Committee

- CEO (Chair)
- **Group Clinical Director**
- **Group Director of Nursing**
- Chair of each Hospital IPC/AMS Committee
- Consultant Microbiologist(s)
- Infection Control Nurses
- Antimicrobial pharmacist
- Surveillance scientist.
- Specialist in Public Health Medicine/CHO Rep.

NPOG /DDG/HCAI/AMR

Implementation Team

- **QPS** Lead
- Others (estates, cleaning)

## **Hospital Group IPC/AMS Committee** functions/ TOR:

- Review surveillance reports on major HCAI and AMR issues from each hospital
- Approve annual IPC and Antimicrobial Stewardship plans and reports
- Provide guidance and support to CEO and team on surveillance and management of HCAI and antimicrobial stewardship
- Review and advise on IPC and stewardship gaps
- Escalate issues in line with Procedure for Outbreaks/incidents/situations for HCAI

## **HCAI Performance Assurance** Group National Lead for HCAI/AMR H &Wb Public Health H&Wb Planning and Performance Staff Acute Health and AHD Planning and Hospitals Wellbeina Division Division Performance GM **SMT SMT QPS National Directors:**

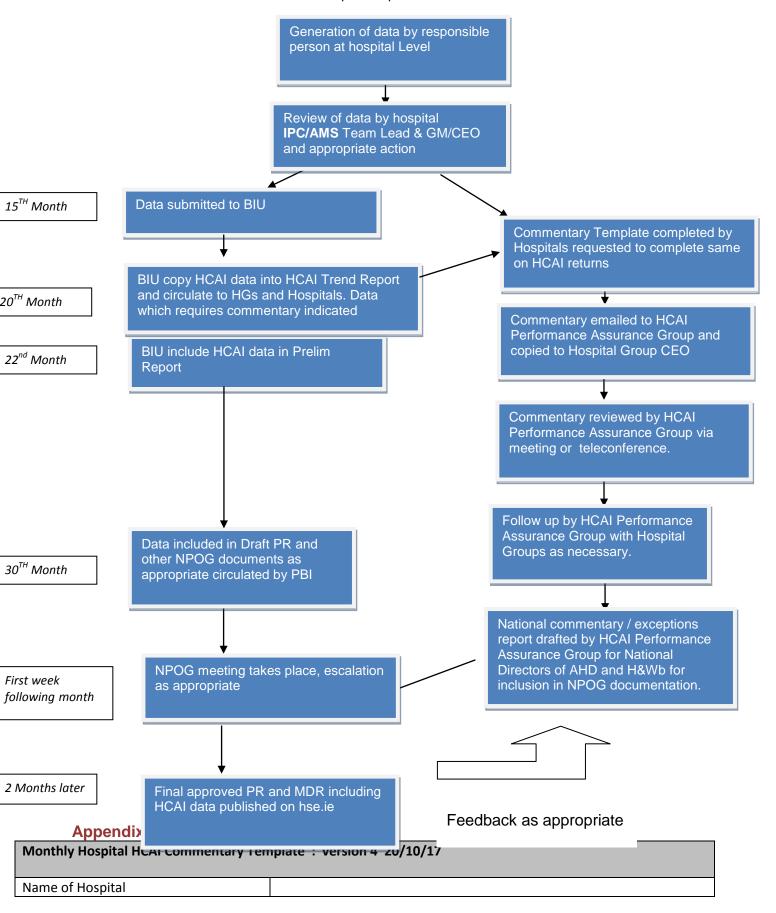
## **HCAI Performance Assurance Group** core TOR:

- Review Hospital Group and Hospital data and commentaries & follow up re.
- Produce National HCAI commentary/ exceptions report for NPOG
- Provide support, and issue quidance

- Co-chair National Steering Group for HCAI/AMS
- Liaise with NPOG and oversee improvement plans as appropriate

Acute Hospital and Health and Wellbeing Divisions 2017Process for hospital reporting of following **HCAI** metrics:

- Number and rate of new cases of hospital acquired Staphylococcus aureus bloodstream infection
- Number and rate of new cases of hospital acquired new cases of C. difficile infection



Hospital Group		
Month and Year data relates to		
	Staphylococcus aureus bloodstream infection	C. difficile associated diarrhoea (CDAD)
Number of cases and rate of new cases this month		
Has a root cause analysis (RCA) been		
performed by the primary consultant		
responsible for the patient with support		
from the IPC team for each case?		
(If the answer to the above is no please		
explain why not)		
Did any of the patients die before discharge		
or completion of this report? (If the answer		
is positive: was the case assessed to		
determine if the death was attributable to		
infection and what was the outcome of the		
assessment?)		
Is there evidence of an outbreak (person to		
person transmission)		
List main factors identified on RCA		
What proportion of cases were related to		
central venous catheters?		N/A
What proportion of cases were related to		
peripheral intravenous catheters?		N/A
Have any issues been identified in relation		
to toilet facilities, commodes, bed pans, bed	N/A	
pan washers	,	
Has the primary consultant and the relevant		
senior nurse reviewed their own hand		
hygiene practice and that of their team?		
Has the General Manager/CEO and relevant		
Clinical and Nursing Director(s) convened a		
meeting to review the factors identified as		
contributing to this relatively high rate in		
the RCAs and to plan a response		
List actions planned by the General		
Manager/CEO and Relevant Clinical and		
Nursing Director(s)		
Have the incidence(s) of hospital acquired		
infection above been reported in National		
Incident Management System		
Name of Person completing commentary		
Name Hospital General Manager/CEO to		·
whom this commentary was copied and		
approved for forwarding to HCAI		
Performance Assurance Group.		

Appendix B

Draft Detailed Terms of Reference Hospital Group IPC/AMS Committee



# DRAFT TERMS OF REFERENCE HOSPITAL GROUP INFECTION PREVENTION & CONTROL / ANTIMICROBIAL STEWARDSHIP COMMITTEE

Name of Document:	Terms of Reference
Reference number:	1.1
Date:	14/08/2017
Author:	
Approved by:	✓ Chief Executive
Date approved:	
Date of review:	

## Index:

- 1. Purpose of the committee
- 2. Composition and operation of the committee
- 3. Quorum, frequency and operation of meetings

- 4. Accountability and reporting
- 5. Suggested agenda items
- 6. Outputs and performance monitoring



## 1. Purpose of the committee

Health care associated infection (HCAI) refers to infection that occurs during the process of health care delivery. A significant proportion of HCAI can be prevented by following certain practices including correct performance of hand hygiene, cleaning, immunisation and early detection and management of infection.

Antimicrobial resistance (AMR)<sup>1</sup> refers to the growing problem of bacteria that are resistant to antibiotics. When such bacteria cause infection they can be difficult to treat because some or many of the antibiotics we rely on may not be effective. The problem of AMR is related to overuse of antibiotics.

HCAI and AMR are connected because health care facilities often use a lot of antibiotics and AMR bacteria can spread from person to person in a health care facility through hands, equipment and surfaces.

The purpose of the committee is to support the Chief Executive in fulfilling her/his responsibility for prevention and control of health care associated infection and antimicrobial resistance in the Hospital Group. This work of the committee should encompass all aspects of healthcare delivery associated with the Hospital Group encompassing both services delivered directly through HSE employees and facilities and those delivered by individuals or agencies contracted to the HSE.

## Key function of the committee will include

- 1. Develop and adopt an annual plan for HCAI & Antimicrobial Stewardship for the Hospital Group addressing at least:
  - a) hand hygiene training
  - b) Training in standard and contact precautions
  - c) Guidelines review and implementation of relevant national guidelines and identification of unmet guideline needs
  - d) surveillance of S. aureus related blood stream infection
  - e) surveillance of C. difficile related disease
  - surveillance of Carbapenemase producing Enterobacterales (CPE) (colonisation and infection)
  - g) surveillance of meropenem use and use of other critical antimicrobial agents
  - h) Influenza prevention
  - i) HCAI staffing
  - j) Identification of quality improvement initiatives for implementation across the hospital group
- 2. Review progress on implementation of the annual work plan and develop an annual report to provide assurances that all appropriate measures are being taken to achieve targets set out in Hospital Group Operational Plan and by the National Clinical Lead for HCAI AMR.
- 3. Review reports on outbreaks and other exceptional events.
- 4. Advise the Chief Executive Officer on all aspects of infection prevention and control.
- 5. Evaluate status of HCAI and AMR issues for the risk register and escalate any risks through appropriate governance structure.
- 6. Review communication with national HCAI AMR team and provide quarterly reports as appropriate.
- 7. Any other business.

Note: For the purposes of this document the terms antimicrobial and antibiotic can be considered as essentially equivalent.

## 2. Composition and operation of the committee

The Chair of the committee should be the Chief Executive Officer (CEO). The Co-Chair should the Chief Operations Officer or Chief Director of Nursing or Chief Clinical Director.

## The membership of the committee should whenever include

- Chief Executive Officer (Chair)
- Chief Operations Officer
- Chief Clinical Director
- Chief Director of Nursing
- Quality and Patient Safety (QPS) lead
- Specialist in Public Health Medicine
- General Manager of each acute hospital
- Consultant Microbiologist Infection Prevention and Control Lead for each hospital
- Infection Prevention & Control Nurse for each hospital
- Antimicrobial Pharmacist for each hospital
- Surveillance Scientist for each hospital
- Occupational Health Nominee
- > Allied Health Professional Nominee
- > Estates nominee
- > Patient representative
- > Representative from Education / Practice Development
- Representative from Materials Management / Supplies
- Out Patient Antimicrobial Therapy (OPAT) representative
- Consultant Infectious Disease Physician
- Member of National Team (normally the National Lead for HCAI/AMR to attend at least one meeting per year whenever possible)

## 3. Quorum, frequency and operation of meetings

- The quorum necessary for a meeting to proceed is as follows;
  - ✓ Chair or Co-Chair
  - ✓ A Consultant Microbiologist
  - ✓ An Infection Prevention and Control Nurse
  - ✓ An Antimicrobial Pharmacist.

A second consecutive meeting without the chairperson present is not quorate.

- In the event that a committee member is unable to attend, they are required to send apologies to the Chair prior to that meeting. It is acceptable to send a deputy (deputies nominated at beginning of year may attend), again notifying Chair in advance. The engagement of the Chief Executive Officer (Chair), Chief Operations Officer, Chief Clinical Director and Chief Director of Nursing are critical to the successful operation of the committee and each should attend at least two meetings each year.
- Meetings to be held quarterly. Additional meetings will be called by the Chair if and when required.
- The expected duration for each meeting is approximately one and half hours.

## 4. Accountability and reporting

The function of the committee is to review reports and to make recommendations. The Chief Executive Officer and Executive Management Team (or equivalent) is responsible for implementation of recommendations and will report on progress to the committee.

## 5. Suggested agenda items

- Apologies
- Approval of the minutes from the previous meeting
- Matters arising
- Updates from each Head of Service

- Review and approve annual HCAI and AMR plan which will be aligned with Standards for Safer better Healthcare
- Review and approve annual report on HCAI and AMR
- Updates from Subgroups
- Key Performance Indicators / Outbreaks / Incidents / Complaints
- Surveillance, audit findings and recommendations
- Implementation of HCAI Standards update
  - > Any other business

## 6. Outputs and performance monitoring

- Minutes of the committee meetings will be formally recorded and circulated to all committee members within two weeks of the meeting being held.
- > Approved minutes of the meetings will be freely available to all Hospital Group staff and members of the public.



## Appendix C

Sample Root cause Analysis Forms for *Staphylococcus aureus* blood stream infection and *C. difficile* infection

**Staphylococcus aureus** blood stream infection (BSI) Root cause analysis template:

Medical/Surgical team to complete:	
Addressograph label  Responsible consultant  Date of admission	Ward
Intravascular device (IVD) associated with BSI  PVC CVC Portacath PICC line Permcath  Permcath  Site inserted (hand, ACF etc.)  Date inserted If on site – inserted in	IVD required for:  Fluids
E/D CU Theatre Radiology Unknown	IVD removed?
Insertion bundle completed? Yes No N/A  More than 1 attempt to cingulate? Yes No N/A  Patient provided with education of good hand hygiene practice? Yes No N/A  Information leaflet on IV line provided to patient post Yes No N/A  insertion?  Documentation of IV Maintenance bundle complete? Yes No N/A	Number of days in situ  During this admission how many times was the IVD accessed ? (prior to positive blood culture being take)  once 2-4 times ≥ 5 times  Comments Please document any other issues at time of line insertion or maintenance not addressed
Patient informed of device related infection?  Uerbally Documented in notes No indication patient has been informed  Patient Risk Factors	
(Factors that relate to the patient that may have contributed to the infection – tick all the	at apply)
☐ Immunosuppression ☐ Recent trauma/surgery/instrumentation ☐ Documentation of appropriate prophylaxis given? ☐ Yes ☐ No ☐ N/A ☐ Poor IV access ☐ Diabetes ☐ Exfoliative skin condition ☐ Other ☐ None Identified ☐ Details where necessary ☐ Details where necessary ☐ Details where necessary ☐ Details where necessary ☐ Documentation ☐ Other ☐ Diabetes ☐ Diabetes ☐ Exfoliative skin condition ☐ Other ☐ Other ☐ None Identified	

Complications  Yes No Death Date of Death / / / / / / / / / / / / / / / / / / /									
Clinical Microbiology to complete:  Collection date of 1st									
Previou	S. aureus infection at any other site managed in previous 90 days? Yes No  Previous MRSA colonisation Yes No (date of most recent) If Yes state site(s) Previous attempt Yes No  Nose Groin at decolonisation  Exit site Other If no, why not?								
(Factors that Individual Kno Com Team Veri Writ	Infection prevention and control/CNM to complete:  (Factors that may have impacted on the ability of a staff member/team to perform a specific task or recognise potential infection risks—tick all that apply)  Individual  Knowledge  Competence								
Work Environment Factors  (Factors that exist in the work environment that may have contributed to the infection—tick all that apply)  Staffing levels									
Date	Ward	Audit Hand Hygiene Environmental	hygiene	Result	Comment				

DCA findings And improvemental and									
RCA findings And improvement plan									
Date of RCA	associated BSI Yes No								
Origin of BSI Inpatient Sou	irce of BSI (if not IVD)								
,									
Outpatient									
Other hospital									
Other healthcare facility									
Factors contributing to BSI if identified and improvement plan agreed upon.									
	dance at meeting								
<del></del>	<del></del>								
Name and position (Printed)	Signature								

## C. difficile infection (CDI) Root cause analysis template:

Responsible consultant	Medical/Surgical team to complete:					_					
Ward transfers since admission    Ward	Addressograph label				nsible o	consultant					
Ward transfers since admission    Ward   Admission Date   Transfer Date   Pre-morbid risk factors: (tick as appropriate)   Age > 65yrs   Previous hospital admissions   Recent antibiotic use (previous 12 weeks)   Recently on ward/unit with other   cases of CDI   Proton pump inhibitors   Date (mame, route)   Proton pump inhibitors   Date (previous 12 weeks)   Date							Ward				
Ward transfers since admission    Ward   Admission Date   Transfer Date					admission						
Ward transfers since admission							Ward				
Ward				A SECURITION OF THE PARTY OF TH	,cu						
Antibiotic history since admission  Antibiotic Completed	Ward transfers	since admission	1								
Antibiotic history since admission  Antibiotic history since admission  Antibiotic Date   Date   Compliance   (name, route)   Date   Completed   Indication   Compliance   (previous 12 weeks)   Provious 12 weeks)   Recent antibiotic use   (previous 12 weeks)   Cases of CDI   Proton pump inhibitors   Laxative use   Immunosuppression   Inflammatory bowel disease   Immunosuppression   Inflammatory bowel disease   NG feeding   GI surgery   Other   Date   Compliance   Compli	Ward	1	Admission I	ate	1	Fransfer Date					
Antibiotic history since admission  Antibiotic Date   Date   Completed   Indication   Compliance with hospital policy (Yes/No)   Proton pump inhibitors   Cases of CDI    If antibiotics not prescribed in accordance with hospital guidelines provide details:  If antibiotics not prescribed in accordance with hospital guidelines provide details:    If antibiotics not prescribed in accordance with hospital guidelines provide details:    If antibiotics not prescribed in accordance with hospital guidelines provide details:    If antibiotics not prescribed in accordance with hospital guidelines provide details:    If antibiotics not prescribed in accordance with hospital guidelines provide details:    If antibiotics not prescribed in accordance with hospital guidelines provide details:    If antibiotics not prescribed in accordance with hospital guidelines provide details:    If antibiotics not prescribed in accordance with hospital guidelines provide details:    If antibiotics not prescribed in accordance with hospital guidelines provide details:    If antibiotics not prescribed in accordance with hospital guidelines provide details:    If antibiotics not prescribed in accordance with hospital guidelines provide details:    If antibiotics not prescribed in accordance with hospital guidelines provide details:    Inflammatory bowel disease   NG feeding   Gi surgery   Other							(tick as appropriate)	<u> 100-10</u>			
Antibiotic history since admission  Antibiotic Date (name, route) Date commenced Date completed Date (name, route) Date commenced Date completed Date completed Date completed Date completed Date commenced Date completed Date Date commenced Date CDI?  Evidence of severe CDI?  Clinical fever, rigors, abdominal pain Laboratory - WCC-15,000 cells/ul. Rise in serum creatinne or 250% above baseline or > 133 µmol/L Rise in Serum creatinne or 250% above baseline or > 133 µmol/L Datity clinical assessment of severity recorded in medical notes Datity clinical severity condendation of the provided Datity clinical severity condendation of the provided Datity clinical se							Age > 65yrs				
Antibiotic history since admission  Antibiotic   Date   Compliance   C							Previous hospital admissions				
Antibiotic (name, route)  Antibiotic (name, route)  Date completed  Indication compliance with hospital policy (Yes/No)  Proton pump inhibitors  Laxative use  Immunosuppression  Inflammatory bowel disease  Immunosuppression  Inflammatory bowel disease  NG feeding  GI surgery  Other							Recent antibiotic use	sions			
Commenced   Completed   with hospital policy (Yes/No)   Recently on ward/unit with other   Cases of CDI	Antibiotic histo	ry since admiss	sion			_	(previous 12 weeks)				
Laxative use   Immunosuppression   Inflammatory bowel disease   Immunosuppression   Inflammatory bowel disease   NG feeding   Gl surgery   Other		30000000		Indicat	ion	with hospital					
If antibiotics not prescribed in accordance with hospital guidelines provide details:    If antibiotics not prescribed in accordance with hospital guidelines provide details:   If antibiotics not prescribed in accordance with hospital guidelines provide details:   If antibiotics not prescribed in accordance with hospital guidelines provide details:   If antibiotics not prescribed in accordance with hospital guidelines provide details:   If antibiotics not prescribed in accordance with hospital guidelines provide details:   If antibiotics not prescribed in accordance with hospital guidelines provide details:   If antibiotics not prescribed in accordance with hospital guidelines provide details:   If antibiotics not prescribed in accordance with hospital guidelines provide details:   If antibiotics not prescribed in accordance with hospital guidelines provide details:   If antibiotics not prescribed in accordance with hospital guidelines provide details:   If antibiotics not prescribed in accordance with hospital guidelines provide details:   If antibiotics not prescribed in accordance with hospital guidelines provide details:   If antibiotics not prescribed in accordance with hospital guidelines provide details:   If antibiotics not prescribed in accordance with hospital guidelines provide details:   In use							Proton pump inhibitors				
Inflammatory bowel disease							Laxative use				
If antibiotics not prescribed in accordance with hospital guidelines provide details:    NG feeding			1		-		Immunosuppression				
Evidence of severe CDI?  Clinical -							Inflammatory bowel disease				
Evidence of severe CDI?  Clinical -	If antibiotics not p	rescribed in accord	lance with hospital	guidelines p	rovide de	tails:	NG feeding				
Evidence of severe CDI?  Clinical -							GI surgery				
Clinical - fever, rigors, abdominal pain Laboratory - WCC > 15,000 cells/uL Rise in serum creatinine or ≥50% above baseline or > 133 µmol/L  Endoscopic- Imaging - CT evidence of colitis or ascites  If yes was:  Surgical opinion sought ICU admission required Surgery required  Yes No No Treatment  Appropriate CDI treatment   Yes   No (give details)  Patient informed of CDI?  Verbally   Information leaflet   Documented in notes  Pout Come (tick as appropriate)  Symptoms resolved   Remains symptomatic   Death – if so was CDI a   Yes   No  Death – if so was CDI a   Yes   No  No Pout Come (tick as appropriate)  Symptoms resolved   Remains symptomatic   Death – if so was CDI a   Yes   No  No No No No No No No No No No No No							Other				
Clinical - fever, rigors, abdominal pain Laboratory - WCC > 15,000 cells/uL Rise in serum creatinine or ≥50% above baseline or > 133 µmol/L  Endoscopic- Imaging - CT evidence of colitis or ascites  If yes was:  Surgical opinion sought ICU admission required Surgery required  Yes No No Treatment  Appropriate CDI treatment   Yes   No (give details)  Patient informed of CDI?  Verbally   Information leaflet   Documented in notes  Pout come (tick as appropriate)  Symptoms resolved   Remains symptomatic   Death – if so was CDI a   Yes   No  No  Death – if so was CDI a   Yes   No  No Remains symptomatic   Death – if so was CDI a   Yes   No  No  No  No  Patient informed of CDI?											
Laboratory - WCC >15,000 cells/uL Rise in serum creatinine or ≥50% above baseline or > 133 µmol/L Endoscopic- Imaging - CT evidence of colitis or ascites  If yes was:  Surgical opinion sought ICU admission required Surgery required  Yes No No Treatment  Appropriate CDI treatment Yes No (give details)  Patient informed of CDI?  Verbally Information leaflet provided  Pocumented in notes  Bristol stool chart In use Up to date  DAILY clinical assessment of severity recorded in medical notes  Medications reviewed (circle if stopped/held)  Antibiotics Laxatives PPI  Outcome (tick as appropriate)  Symptoms resolved  Remains symptomatic  Death – if so was CDI a  Yes No	Evidence of seve						Monitoring & Risk limitation				
Rise in serum creatinine or ≥50% above baseline or > 133 μmol/L Pseudo membranous colitis CT evidence of colitis or ascites  If yes was:  Surgical opinion sought ICU admission required Surgery required Surgery required  Antibiotics Laxatives PPI  Treatment  Appropriate CDI treatment						Н	Bristol stool chart In use	Up to date			
Imaging - CT evidence of colitis or ascites  If yes was:  Surgical opinion sought ICU admission required Surgery required  Appropriate CDI treatment Yes No  (give details)  Patient informed of CDI?  Verbally Information leaflet provided  Documented in notes  No  No  Outcome (tick as appropriate)  Symptoms resolved  Remains symptomatic  Death – if so was CDI a Yes No				bove baselin	e or > 133	β μmol/L		٦.,			
Surgical opinion sought ICU admission required Surgery required Yes No No  Treatment  Appropriate CDI treatment Yes No (give details)  Patient informed of CDI?  Verbally Information leaflet provided  Documented in notes  No Medications reviewed (circle if stopped/held)  Antibiotics Laxatives PPI  Outcome (tick as appropriate)  Symptoms resolved Remains symptomatic Death – if so was CDI a Yes No						Н		No			
Treatment  Appropriate CDI treatment   Yes   No   No   No   No   No   No   Yes   No   No   No   No   No   No   No   N	If yes was:			es N	0		Medications reviewed Antibiotic	cs			
Appropriate CDI treatment Yes No  (give details)  Patient informed of CDI?  Verbally Information leaflet provided  Documented in notes  Documented in No							(circle if stopped/held) Laxatives				
Patient informed of CDI?  Verbally Information leaflet Documented in notes  Documented in notes  Outcome (tick as appropriate)  Symptoms resolved Remains symptomatic Death – if so was CDI a Yes No											
Patient informed of CDI?  Verbally Information leaflet Documented in notes  Death – if so was CDI a Yes No	Appropriate CDI	treatment Y	'es No	Det		mand	Outcome				
Patient informed of CDI?  Verbally Information leaflet Documented in notes  No  No  Remains symptomatic Death – if so was CDI a Yes No	(give details) Dat					nced					
Verbally Information leaflet Documented in notes  Remains symptomatic  Death – if so was CDI a Yes No							Symptoms resolved				
Verbally Information leaflet Documented in notes  Death – if so was CDI a Yes No	Patient informed of CDI?						Remains symptomatic				
Death – if so was CDI a Yes No	Verbally	riculier									
	No indication	,	informed				I YAS	No			
								Y			

Clinical Microbiology to complete:								
Collection date of 1st Is patient part of an outbreak/cluster of CDI?								
positive stool specimen			If yes –provide details:					
C. difficile ribotype (if availab	hle)							
c. alfficile Tibotype (il avallat	oie,	_						
Details of stool specimens (F	Positive and negative)		Result communicated to team					
Date - submitted Ti	ime Assay		Result Date					
			available Time					
			Advice given					
Infection prevention and conti	rol/CNM to complete:							
Date of onset of diarrhoea			interval to appropriate isolation					
Date & time isolated in			om symptom onset					
single room/cohort		• fro	om confirmation of CDI					
(circle as appropriate)								
Facilities, cleaning & monito	ring							
Single room En suite facilit	ties Yes No	<u>Cohort</u> Co	ohort nursed Yes No					
Dedicated clir Hand basin	nical Yes No		ndividual en-suite or Yes No					
Appropriate signage ?	П.	Yes No To	ommode					
Door closed ?		Yes No If n	no to any of the above – outline why?					
PPE available on entering single	room/cohort?	Yes No						
Hand Hygiene  Are staff aware of need to was	h hands with soan &							
water?	n nands with soap &	Yes No						
Has patient been given hand h		Yes No						
Has patient been shown how to If unable to perform unaided is		Yes No						
Does cleaning regimen include d	detergent and							
1000ppm available chlorine?  Dedicated patient care equipme	unt in use?	Yes   No						
(eg. BP cuffs etc)	Line in case:	Yes No						
Is bedpan washer in working ord	der?	Yes No						
C difficile sticker in chart?		Yes No						
C difficile care plan in notes?  Is there a Bristol stool chart in us	_	Yes No						
		Yes No	T					
Date Ward	Audit	Result	Comment					
	Hand Hygiene							
	Environmental hygiene (includi sluice room)	ing						
	Mattress checks							
	Antibiotic consumption							
	Antibiotic Audit							

RCA findings	andimp	rovement pl	<u>an</u>							
Date of RCA					CDImeeting	case de	finition ?	Yes	No No	
Origin of CDI		npatient	_		Case type		New case	e of CDI		
		Outpatient					Recurrer	nt CDI		
		Other hospital					Previous	positive		
			are facility (list)				Number	of recurrent	ces L	
	l					Ш	Unknowr	1		
Factors contribut	ting to C	DI if identified a	and improvement	plan agr	eed upon.					
			<u>In attendar</u>	nce at m	eeting					
Name and po	sition (F	Printed)			Signature					
				_						
				_						
				_						
									$\neg$	
				_						
									$\neg$	