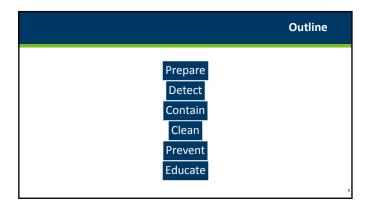




	Why This Toolkit?		
Many great resources for acute care  "Safe From CD!" toolkit  APIC Guide to the Elimination of Clostridium difficile in Health Care Settings  Long term care facilities (LTCF) setting differs from acute care	dischargements total Guide to Preventing Clostricium difficile Interticus	Road Map to a Comprehensive Constribute difficile Infection (CDI) Prevention Program	
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	Outline
Prepare  Detect  Contain  Clean  Prevent  Educate	
	,

	Prepare
• C.diff background	
Current CDI Prevention and Response Activities:     Early Identification and Containment Assessment     Checklist     Make a Team	"By failing to prepare, you are preparing to fail."
Example CDI Prevention and Control Policy	- Benjamin Franklin
CDI Response Algorithm	

	Prepare	
C.diff background  Current CDI Prevention and Response Activities: Early Identification and Containment Assessment Checklist  Make a Team  Example CDI Prevention and Control Policy  CDI Response Algorithm	"By failing to prepare, you are preparing to fail." - Benjamin Franklin	

#### Current CDI Prevention and Response Activities: Early Identification and Containment Assessment Checklist

- The assessment is split into two sections:
  - Knowledge and competency
  - Infection prevention policies and infrastructure
- Each section contains questions about:
  - Early identification
  - Rapid containment

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Preventing and managing CDI in a LTCF requires coordination among many stakeholders

Having an interdisciplinary team facilitates a swift and thorough response

CDI
Prevention
Team

Ruster CIP

Resolver CIP

Administration

#### **Example CDI Prevention and Control Policy**

- Editable Microsoft Word document
  - Early recognition of CDI and laboratory testing
  - Contact Precautions
  - Room placement
  - Occupational and physical therapy
  - Social and activity considerations
  - Environmental cleaning
  - Laundry
  - Prevention

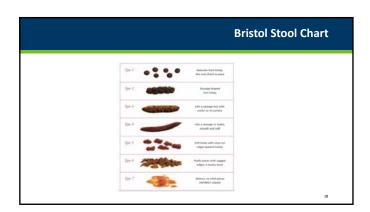
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Đα	ample CDI Prevention and Control Police
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	Detect
<ul> <li>Detection and Surveillance Self-Assessment</li> </ul>	
<ul> <li>Early Recognition and Testing Algorithm</li> </ul>	
Surveillance	
• Testing Recommendations	
Bristol Stool Chart	
Infections Tracking Tool	
	1

	Detect
• Detection and Surveillance Self-Assessment	
Early Recognition and Testing Algorithm	
Surveillance	
Testing Recommendations	
Bristol Stool Chart	
• Infections Tracking Tool	
	15

Ea	rly Recognition and Te	esting Algorithm
Г	A), Early Recognition and Secting	
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	Article Resort  Tops of Reference (10 symptoms parties selected only understand about for 10 feeting  Expected address are failed to report format and resource device for this temporal  Expected address are failed to report format and the selection of this temporal  Expected address of the report format as used by your Montality.	16

		Testing Recom	mendation
Specime	n rejection criteria	Testing recom	mendations
Rejection Criteria	Report Comment	00%	DONTS
Formed Stool	"Formed stoof received. Test cancelled."	Submit fresh stool samples for CDI testing from resident with suspected	Test asymptomatic residents for CDL
tectal Swab	"Rectal swab received; unsuitable for testing. Please resubmit a stool sample."	CDt: 3 or more unformed stools per 24 hours.	
3 negative pecimens processed.	"Three negative specimens from this patient have already been processed in the list week. Test reposaled "	Avoid repeat testing submit one specimen per resident.	Perform tests-of-cure on any resident post-treatment.
ositive within 7 days	"Please refer to previous positive C difficile toxin result."	Befrigerate (stone at 2 - 8 degrees Celsius; 36-46 degrees Fahrenheit) until testing can be done.	Transport specimen in media; this may increase false positive test results.
iubmitted in enteric arthogen tramport nedium or SAF	"Specimen received in enteric pathogen transport medium. Unsuitable for C. difficilinating, Please repeat."	Collect specimen in clean, watertight container. Transport specimens as soon as possible after collection.	Walt to transport specimens
Kalmer.	CR: "Specimen received in SAF (fluxitive for parasite). Unsuitable for C. difficile town testing, if you have any questions, please call the Microbiology Lab."		



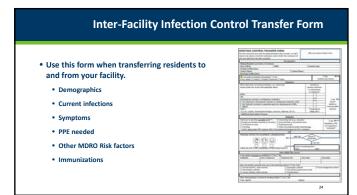
	Outline
Prepare Detect Contain Clean Prevent Educate	19

	Contain
Contact Precautions Algorithm	• Inter-Facility Infection Control
Hand Hygiene Resources	Transfer Form
Door Signage	• Isolation Precautions
Personal Protective Equipment	Room Placement Algorithm
(PPE) Resources	• Infection Prevention and Control
• Transmission-Based Precautions	Isolation Compliance Checklist
Audit Tool	<ul> <li>Social and Activity Precautions</li> </ul>

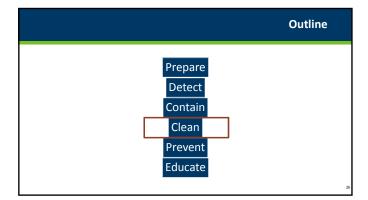
# Contain Contact Precautions Algorithm Hand Hygiene Resources Door Signage Personal Protective Equipment (PPE) Resources Transmission-Based Precautions Audit Tool Personal Protective Equipment (PPE) Resources Social and Activity Precautions Social and Activity Precautions

## The contact precautions algorithm guides facilities through initiating, continuing, and discontinuing contact precautions

Personal Prote	ective Equipment (PPE)		
	SEGUENCE FOR PUTTING ON PERSONAL PROTECTIVE SOUPMENT (PPE)		
• PPE Assessment	The same of the confidence could be bound appeared to the confidence on the confidence could be a supplied from the confidence on the country of the confidence on the country of the confidence of the country of the c		
<ul> <li>Donning and doffing recommendations</li> </ul>	* Names to hard a final and asset  2. MASK OR RESPIRATOR  * Extracts for in the second of middle of the second of the secon		
	GOGGLES OR FACE SHEELD     Please have label and splead in its		
	GLOVES     Trained to some mainly of ballation games		
	USE SAFE WORK PRACTICES TO PROTECT YOURSELF AND LIMITTHE SPREAD OF CONTAMINATION		
	The late may be relied     The late of the late o		
	23		



#### Algorithm guides facilities through: Primary and secondary considerations for rooming residents 11<sup>th</sup>, 2nd, and 3rd choices for cohorting residents Bathing residents



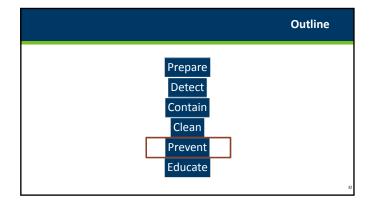
	Clean
• Environmental Cleaning Self- Assessment	• C. difficile Cleaning Audit Tool for Infection Prevention and Control
• Environmental Cleaning and Disinfection Algorithm	CDC Environmental Checklist for Monitoring Terminal Cleaning
Cleaning Recommendations List K: Registered Antimicrobial Products Effective Against <i>C. difficile</i> Spores	Environmental Hygiene Daily Resident Room Skills Checklist

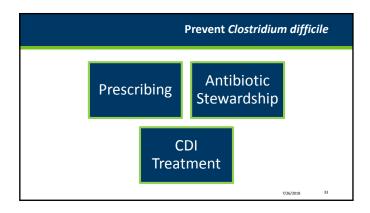
#### Environmental Cleaning Self-Assessment Environmental Cleaning and Disinfection Algorithm Cleaning Recommendations List K: Registered Antimicrobial Products Effective Against C. difficile Spores C. difficile Cleaning Audit Tool for Infection Prevention and Control CDC Environmental Checklist for Monitoring Terminal Cleaning Environmental Hygiene Daily Resident Room Skills Checklist

### Environmental Cleaning and Disinfection Algorithm Cleaning responsibilities for every shift Terminal cleaning Cleaning the bathroom Other general recommendations

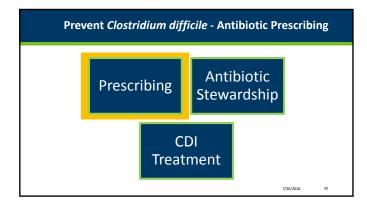
# One of the most requested resources Three chemistries registered for hard surface disinfection Bleach Peroxyacetic acid (PAA) Sodium dichloro Isocyanurate (NaDCC) Company of the company of t

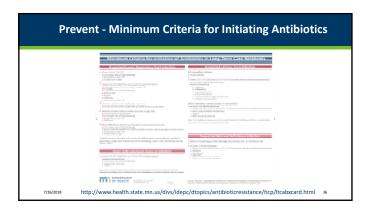
Thorough audit tool that lists high touch and often forgotten places to	DEPARTMEN OF NEATH Chemistra for		Audit Tool I	ne kolocolon P	-	and Care	-	
clean	Charles has been been been a		12.	American File File File File File File File File		H	1	11
Also includes 27 guestion assessment	States (Net 16) and on palling	_			-	-	14	: [11
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	Page 4 of 34							

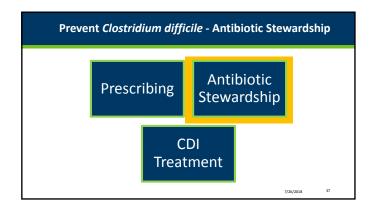




Prevent - Current Prevention Activities Assessment
Knowledge and Competency
Infection Prevention Policies and Infrastructure
Monitoring Practices
7/26/2018 34





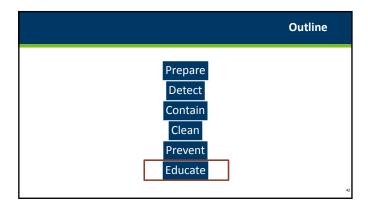




	Prevent - Minnesota Antimicrobial Stewardship Program Toolkit
	<ul> <li>Companion Guide to Using the Minnesota Sample Antibiotic Stewardship Policy for Long- Term Care</li> </ul>
	Antimicrobial Stewardship Gap Analysis Tool-Appendix C
	Antibiotic Use Attitudes and Beliefs: Nursing Survey-Appendix D
	Educational Modules for CDI Prevention
	Appendix L-Antibiotic Use and infection status tracking tool
_ ,	7/26/2018 39

Pre	Prevent - Clostridium difficile Treatment			nt	
Presci	ribing		biotic ardship		
		DI ment		7/26/2018	40

## C. difficile is treated with an antibiotic such as metronidazole, vancomycin, or fidaxomicin. (Metronidazole should not be used for severe C. difficile infections). Other antibiotics should be discontinued whenever possible C. difficile recurs in about 20% of cases. Usually, repeat treatment with the same antibiotic the first time. After that treat with oral vancomycin or fidaxomicin. Transplanted stool from a healthy person to the colon has shown success Probiotics are not recommended due to limited data



Educata	
Educate	
Educate section of the Clostridium difficile Toolkit for Long-Term Care Facilities	
Current facility education activities assessment tool	
• Answers to common <i>C. diff</i> questions	
Resident and Family education	
Employee Environmental Cleaning Education	
• Resources - <i>C. diff</i> infections	
7/16/2018 43	
	1
<b>Educate - Assess Education Activities</b>	
Parameter (1)	
Does your facility:	
Provide CDI prevention education for all HCP	
<ul> <li>Provide cleaning and disinfection education for nursing and ancillary/support staff</li> </ul>	
Provide education and competency testing for environmental services	
trainers	
<ul> <li>Provide competency testing to environmental services staff</li> </ul>	
7/26/2018 44	
The second secon	
Educate	
Educate section of the Clostridium difficile Toolkit for Long-term Care Facilities	
Current facility education activities assessment tool	-
Answers to common <i>C. diff</i> questions	
Resident and Family education	
Employee Environmental Cleaning Education	
Resources - C. diff infections	

What is Clostridium difficile? How does it spread? What do nursing home staff do to prevent the spread?	
How does it spread?  What do nursing home staff do to prevent the	
Spicau:	
• What can visitors do to prevent spreading it?	

	Educate
Educate section of the Clostridium difficile Toolkit for Long-Term (	Care Facilities
<ul> <li>Current facility education activities assessment tool</li> </ul>	
<ul> <li>Answers to common C. diff questions</li> </ul>	
Resident and Family education	
Employee Environmental Cleaning Education	
• Resources - <i>C. diff</i> infections	
7/26/2018	

Educate - Employee Environmental Cleaning
Rationale for environmental hygiene
Demonstration of current evidence-based methods
Cleaning products and their use - dilution and contact time
Delineation of responsibilities
Delineation of responsibilities

# Educate - Additional Resources APIC Centers for Disease Control and Prevention CDC IDSA & SHEA 7784/2018 49

## • Kathie Nichols • Dr. Stacy Holzbauer • APIC LTCF Committee • Medora Witwer • Tory Whitten Acknowledgements DEPARTMENT OF HEALTH OF HEALTH Lake Superior Quality Improvement Organizations und feel Carrier for medical mixed. Carrier for medical mixed. Carrier for Disease Corbin and Prevention To the Layer for t

