



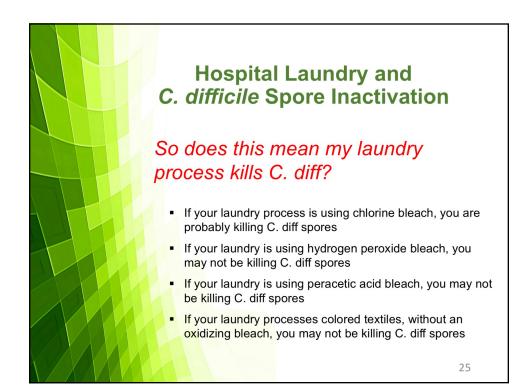


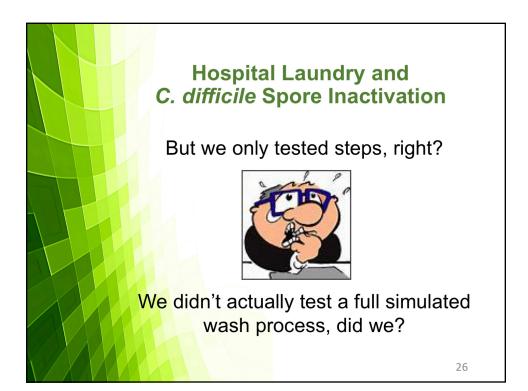


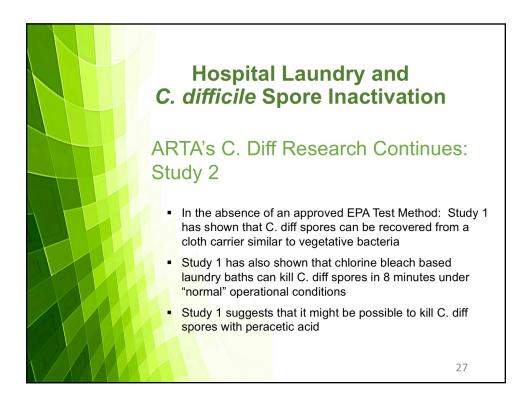
C.	Hospital Laundry and <i>C. difficile</i> Spore Inactivation				
The	e Research Pro	oject:	Target Test	Conditions	
Solution	Solution Description	pH of	Operational test	Time of	
Solution	Solution Description	pH of Solution	Operational test temperature	Time of Exposure	
Solution	Solution Description Alkaline Detergent				
		Solution	temperature	Exposure	
A	Alkaline Detergent	Solution 11.0-12.0	temperature 160 °F	Exposure 8 minutes	
A B	Alkaline Detergent 500 ppm Chlorine Bleach	Solution           11.0-12.0           10.0-10.5	temperature 160 °F 150 °F	Exposure 8 minutes 8 minutes	
A B C	Alkaline Detergent 500 ppm Chlorine Bleach 200 ppm Chlorine Bleach	Solution           11.0-12.0           10.0-10.5           10.0-10.5	temperature           160 °F           150 °F           150 °F	Exposure 8 minutes 8 minutes 8 minutes	
A B C D	Alkaline Detergent 500 ppm Chlorine Bleach 200 ppm Chlorine Bleach 640 ppm Hydrogen Peroxide	Solution           11.0-12.0           10.0-10.5           10.0-10.5           11.0-12.0	temperature           160 °F           150 °F           150 °F           170 °F	Exposure       8 minutes       8 minutes       8 minutes       8 minutes       8 minutes	

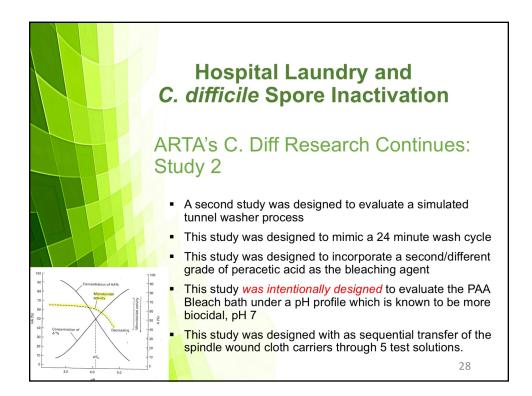
Hospital Laundry and <i>C. difficile</i> Spore Inactivation The Research Results:			
	Test Substances	% C diff Spore Reduction: Cloth	% C diff Spore Reduction: Wash Solution
А	Alkaline Detergent	No Reduction	No Reduction
В	500 ppm Chlorine Bleach	>99.9%	>99.9%
С	200 ppm Chlorine Bleach	>99.9%	>99.9%
D	640 ppm Hydrogen Peroxide- Alkaline	No Reduction	No Reduction
Е	300 ppm Peracetic acid - Acidic	No Reduction	48.7 %
F	300 ppm Peracetic acid - Alkaline	No Reduction	No Reduction
			23



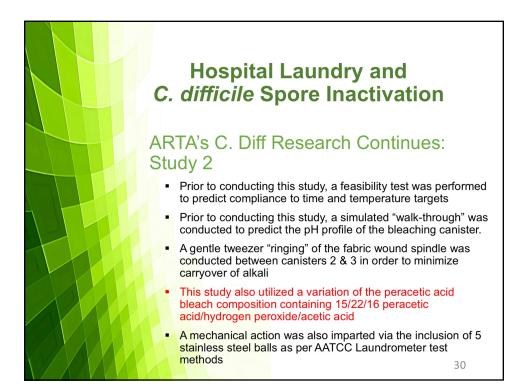




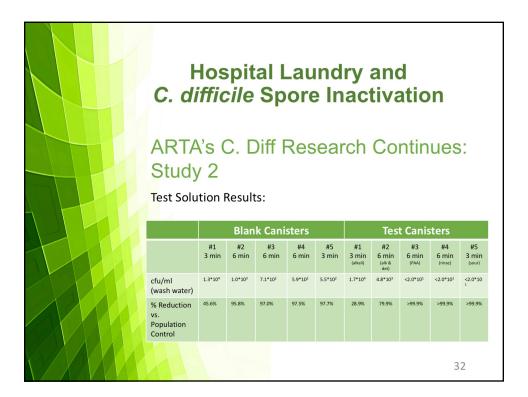


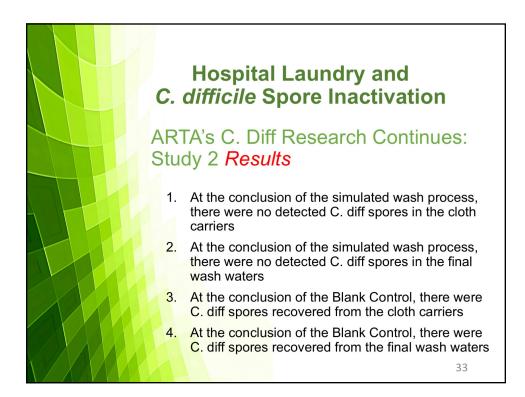


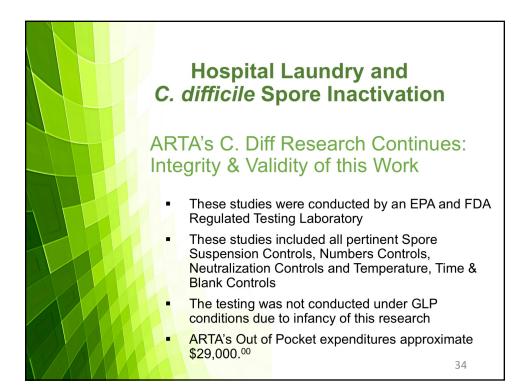


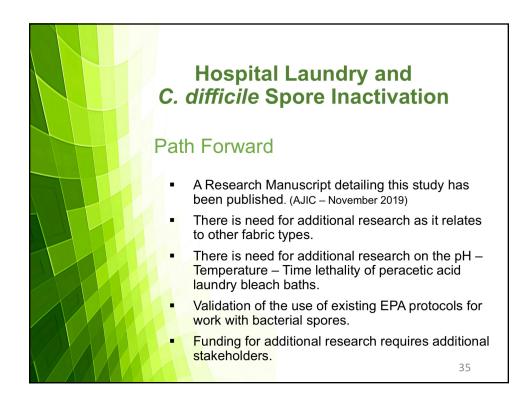


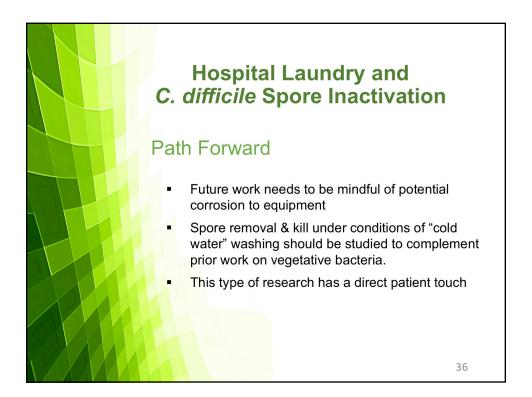
Hospital Laundry and C. difficile Spore Inactivation ARTA's C. Diff Research Continues: Study 2 Cloth Carrier Results:						
Blank Control Carriers Test Carriers			rs			
	#1	#2	#3	#1	#2	#3
cfu/carrier	2.14 * 10 <sup>5</sup>	1.41 * 10 <sup>5</sup>	1.79 * 10 <sup>5</sup>	<1 * 10 <sup>1</sup>	<1 * 10 <sup>1</sup>	<1 * 101
cfu/carrier (ave.)	1.78 * 10 <sup>5</sup>			<1 * 10 <sup>1</sup>		
% Reduction vs. Population Control	No Reduction			>99.9%		
						31













wv	vw.webbertraining.com/schedulep1.php
September 10, 2020	LOOK AT WHAT THE CAT SCRATCHED IN - PET ASSOCIATED ZOONOSES, WHAT'S NEW AND RELEVANT FOR INFECTION PREVENTION AND CONTROL Speaker: Prof. Jason Stull, University of Prince Edward Island, and Ohio State University
September 17, 2020	REPROCESSING OF CRITICAL FOOT CARE DEVICES Speaker: Clare Barry, Infection Control Consultant, Canada, and Merlee Steele- Rodway, Canadian Association of Medical Device Reprocessing
September 24, 2020	WATERBORNE PATHOGENS: WHY IS THEIR PROFILE CHANGING? Speaker: Prof. Syed A Sattar, Professor Emeritus of Microbiology, University of Ottawa
October 15, 2020	(FREE Teleclass) THE VALUE OF CERTIFICATION - "WHAT'S IN IT FOR ME? Speaker: Sandra Callery, Certification Board of Infection Control
October 20, 2020	(European Teleclass) CAN WE HALVE GRAM-NEGATIVE BLOODSTREAM INFECTIONS? A DEBATE Speaker: Prof. Jon Otter, Imperial College Healthcare NHS Trust, and Martin Kiernan, University of West London
	(FREE WHO Teleclass - Americas) CLEAN HOSPITALS: THE NEXT FRONTIER IN INFECTION PREVENTION Speaker: Prof. Didier Pittet, World Health Organization, Geneva

