







S 1 i d e 2 1	 Prevention and Control Disinfect with soap and water Health care workers Should follow standard safety precautions Vaccine available for animals Follow FDA/USDA guidelines for proper handling of food 	Disinfect exposed areas with soap and water. Health care workers should follow proper safety precautions. There are several vaccinations available for animals for prevention of disease with epsilon toxin. <i>C. perfringens</i> B is best controlled by vaccination of the pregnant dam during the last third of pregnancy. Ewe immunization probably is the most satisfactory method of control for infection with <i>C. perfringens</i> D as well and enterotoxemia caused by <i>C. perfringens</i> D in feedlot lambs can be controlled by reducing the amount of concentrate in the diet. To prevent food poisoning in humans, due to <i>Clostridium perfringens</i> A, leftover cooked meat should be refrigerated promptly and reheated thoroughly (internal temperature, 75° C) before serving. (Further instructions on safe food handling and preparations can be achieved by searching FDA or USDA sites about food safety and food handling).
S 1 i	Epsilon Toxin as a Biological Weapon • Toxin can be manufactured by fermentation of <i>C. perfringens</i>	Epsilon toxin can be manufactured by fermentation of <i>C. perfringens</i> , but chemical synthesis is impractical. Aerosolization capabilities of epsilon toxin are unknown at this time; aerosolization with <i>C. perfringens</i> alpha toxin would be expected to cause an acute pulmonary illness.
d e 2 2	 Chemical synthesis is impractical Aerosolization capabilities Insufficient information available at this time Acute pulmonary illness 	

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Acknowledgments

Development of this presentation was funded by a grant from the Centers for Disease Control and Prevention to the Center for Food Security and Public Health at Iowa State University.

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