



Future Research Needs for Prevention and Treatment of Clostridium Difficile Infection: Future Research Needs Paper Number 17

By U S Department of Heal Human Services, Agency for Healthcare Resea And Quality

Createspace, United States, 2013. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.Clostridium difficile infection (CDI) is a serious healthcare-associated infection and a growing health care problem, especially with the emergence of more virulent strains in the early 2000s. Clostridium difficile was first recognized as having the ability to cause pseudomembranous colitis in the late 1970s. CDI is now the most common cause of nosocomial infectious diarrhea. Asymptomatic colonization in healthy adults has been observed in only 3 percent of persons, while the prevalence of such colonization among residents in long-term-care facilities approaches 50 percent. Individuals colonized with Clostridium difficile serve as a reservoir for infection by contaminating the environment with Clostridium difficile spores, thus leading to the spread of the organism on the hands of health care workers or via use of medical equipment. CDI is increasing in incidence and, in all likelihood, severity. The number of cases diagnosed among patients discharged from hospitals increased from 31 per 100,000 persons in 1996 to 84 per 100,000 persons in 2005. Infection due to a relatively new strain of Clostridium difficile, termed North American pulsed-field gel electrophoresis type 1 (NAP1), is...



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