



A service of the National Library of Medicine and the National Institutes of Health

My NCBI  
[\[Sign In\]](#) [\[Regis\]](#)

All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Book

Search PubMed for

Limits Preview/Index History Clipboard Details

Display AbstractPlus  20

All: 1 Review: 0

1: [Infect Control Hosp Epidemiol.](#) 1989 Sep;10(9):398-401.

[Links](#)

**Enterobacter sakazakii infections in neonates associated with intrinsic contamination of a powdered infant formula.**

[Simmons BP](#), [Gelfand MS](#), [Haas M](#), [Metts L](#), [Ferguson J](#).

Methodist Central Hospital, Memphis, Tennessee.

We report an outbreak of *Enterobacter sakazakii* infection and colonization in neonates related to an infant formula contaminated during the manufacturing process. The outbreak occurred in a 20-bed neonatal intensive care unit during a six-week period in 1988, and involved a total of four infants. Three infants had sepsis and three had bloody diarrhea; all patients responded to intravenous antibiotics and recovered without complications. The *E sakazakii* isolated from the formula had the same plasmid and multilocus enzyme profile as those isolated from patients. This outbreak demonstrates the significance of commercially contaminated formulas and emphasizes the need to limit contamination and multiplication of bacteria in enteral formulas.

PMID: 2794464 [PubMed - indexed for MEDLINE]

Display AbstractPlus  20

**Related Links**

[Outbreak of necrotizing enterocolitis associated with \*Enterobacter sakazakii\* in powdered milk formula.](#) [J Clin Microbiol. 2001]

[Epidemiologic typing of \*Enterobacter sakazakii\* in two neonatal nosocomial outbreaks.](#) [Diagn Microbiol Infect Dis. 1990]

[Outbreak of colonization of neonates with \*Enterobacter sakazakii\*.](#) [J Hosp Infect. 1987]

[Enterobacter sakazakii infections associated with the use of powdered infant formula - Tennessee, 2001.](#) [MMWR Morbidity and Mortality Weekly Rep. 2002]

[Enterobacter sakazakii: a coliform of increased concern to infant health.](#) [Int J Food Microbiol. 2005]

[See all Related Articles...](#)

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)