



Oswego – An Outbreak of Gastrointestinal Illness Following a Church Supper

Student's Guide

Learning Objectives

After reading this case study, the participant should be able to:

1. Delineate terms "outbreak," "endemic," and "epidemic."
2. Explain steps in the investigation of an outbreak.
3. Draw, interpret and describe the value of an epidemic curve.
4. Calculate and compare food specific attack rates to identify possible vehicles.
5. Explain steps for investigating an outbreak that was apparently point-source.

This case study is based on an investigation conducted by students from Iowa Department of Public Health Division. The case study was developed by Robert Jones, MS, Sherry Johnson, MS, and Barbara Langford, MS for the study "Oswego: Gastrointestinal Outbreak Following a Church Supper" by Bruce Beutels, MS, Robert Jones, MS and Robert Jones, MS, from the Iowa Department of Public Health and taught "Oswego" as part of the MS in Epidemiology course last year.



Oswego Outbreak Investigation Guide

Xiaolong Qi



Oswego Outbreak Investigation Guide:

Foodborne Disease Outbreaks World Health Organization, 2008 These guidelines have been written for public health practitioners food and health inspectors district and national medical officers laboratory personnel and others who may undertake or participate in the investigation and control of foodborne disease outbreaks P 4 of cover *Essential Readings in Infectious Disease Epidemiology* Manya Magnus, 2008-12-01 Essentials of Infectious Disease Epidemiology Manya Magnus, 2008 *Essentials of Infectious Disease Epidemiology* is devoted specifically to the methods required to study infectious disease making the perfect introduction to the field for undergraduate and introductory masters level public health students It will provide students with the requisite skills to conduct evaluate and understand the field of infectious disease epidemiology *Monthly Catalog of United States Government Publications* ,1983 *Intermediate Epidemiology* Manya Magnus, 2014-09-15 *Intermediate Epidemiology Methods That Matter* provides masters level public health students with a solid foundation in the epidemiologic methods necessary for implementing successful public health programs This book stands apart from other intermediate texts in that it focuses on conceptual learning of basic methods without relying on extensive jargon The book uniquely uses a self learning approach with exercises embedded in each page to reinforce concepts and application The book creates a bridge from student to professional with lively descriptions of career paths for the MPH level epidemiologist Complete chapters on program evaluation and implementation and analysis of studies are also provided Key Features Examines the methodological skill set unique to epidemiology at an intermediate level Provides practice problems case studies discussion sections and datasets in which to practice the methods learned Offers boxed examples from sources such as peer reviewed literature governmental resources and lay sources Monthly Catalogue, United States Public Documents ,1983 Public Health Reports ,1976 **Producers' Guide** ,1970 **Journal of the New England Water Works Association** New England Water Works Association, 1932 **Mid Atlantic Fly Fishing Guide** ,1995 Real Estate Record and Builder's Guide ,1873 **Choice** ,1987 *The McGraw-Hill Encyclopedia of World Biography* ,1973 In twelve volumes including an index Contains 5 000 articles The United States Army and Navy Journal and Gazette of the Regular and Volunteer Forces ,1880 **Harper's Weekly** John Bonner, George William Curtis, Henry Mills Alden, Samuel Stillman Conant, Montgomery Schuyler, John Foord, Richard Harding Davis, Carl Schurz, Henry Loomis Nelson, John Kendrick Bangs, George Brinton McClellan Harvey, Norman Hapgood, 1878 *Selected Water Resources Abstracts* ,1988 *AJPS American Journal of Political Science* ,2001 *Journal of the American Mosquito Control Association* ,1997 **Chicago Tribune Index** ,2001 *Subject Catalog of the Military Art and Science Collection in the Library of the United States Military Academy* United States Military Academy. Library, 1969

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