392

The Official Journal of The Society for Healthcare Epidemiology of America

PUBLISHED FOR THE SOCIETY BY SLACK INCORPORATED

INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY[®]

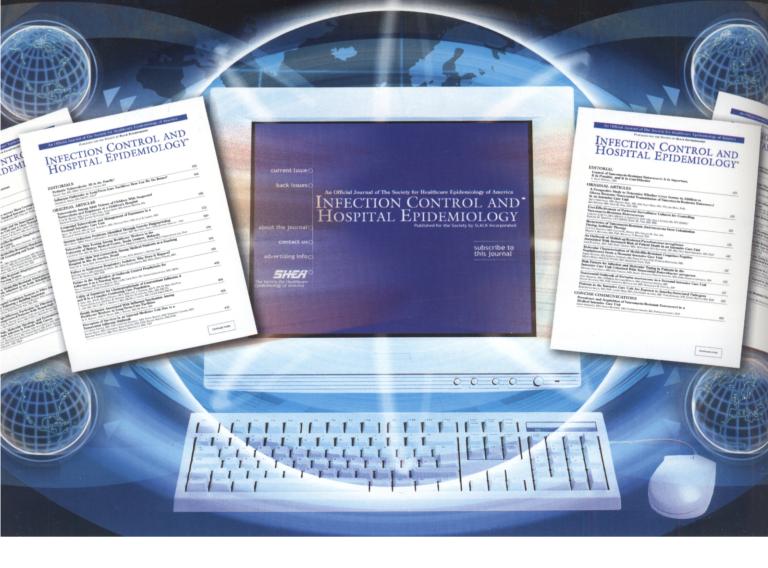
EDITORIAL

Dinosaurs, Methicillin-Resistant *Staphylococcus aureus*, and Infection Control Personnel: Survival Through Translating Science Into Prevention WILLIAM R. JARVIS, MD; BELINDA OSTROWSKY, MD, MPH

ORIGINAL ARTICLES

An Outback of Community Opent Methicillin Desistant Standards and a second	
An Outbreak of Community-Onset Methicillin-Resistant Staphylococcus aureus Skin Infections in Southwestern Alaska	
HENRY C. BAGGETT, MD; THOMAS W. HENNESSY, MD, MPH; RICHARD LEMAN, MD; CINDY HAMLIN, RN; DANA BRUDEN, MS; ALISA REASONOVER, BS; PATRICIA MARTINEZ, MD; JAY C. BUTLER, MD	397
Antimicrobial Resistance in <i>Staphylococcus aureus</i> at the University of Chicago Hospitals: A 15-Year Longitudinal Assessment in a Large University-Based Hospital JOHN B. SEAL, MA; BEATRIZ MOREIRA, MD, PHD; CINDY D. BETHEL, BS; ROBERT S. DAUM, MD, CM	403
Prevalence of and Risk Factors for Colonization With Methicillin-Resistant Staphylococcus aureus at the Time of Hospital Admission John A. JERNIGAN, MD, MS; AMY L. PULLEN, MPH; LAURA FLOWERS, MPH; MICHAEL BELL, MD; WILLIAM R. JARVIS, MD	409
Nosocomial Transmission of Methicillin-Resistant Staphylococcus aureus: A Blinded Study to Establish Baseline Acquisition Rates Joel T. Fishbain, MD; Joseph C. Lee, MD; Honghung D. Nguyen, MD; Jeffery A. Mikita, MD; Cecilla P. Mikita, MD, MPH; Catherine F. T. Uyehara, PhD; Duane R. Hospenthal, MD, PhD	415
Spread of Methicillin-Resistant Staphylococcus aureus (MRSA) Among Household Contacts of Individuals With Nosocomially Acquired MRSA David P. Calfee, MD, MS; Lisa J. Durbin, BS, MT; Teresa P. Germanson, MPH, PhD; Denise M. Toney, PhD; Elise B. Smith, MT (ASCP); Barry M. Farr, MD, MSc	422
Epidemiology of Methicillin-Resistant <i>Staphylococcus aureus</i> at a Children's Hospital Andrew L. CAMPBELL, MD; KRISTINA A. BRYANT, MD; BETH STOVER, RN; GARY S. MARSHALL, MD	427
Changing Epidemiology of Community-Onset Methicillin-Resistant Staphylococcus aureus Bacteremia Leonard B. Johnson, MD; Arti Bhan, MD; Joan Pawlak, BS; Odette Manzor, MS; Louis D. Saravolatz, MD	431
Community-Acquired Methicillin-Resistant Staphylococcus aureus Infection in Singapore Is Usually "Healthcare Associated" PAUL A. TAMBYAH, MBBS; ABDULRAZAQ G. HABIB, MRCP, FWACP; TOON-MAE NG, BN; HELEN GOH, B HLTHSC (N); GAMINI KUMARASINGHE, FRCPATH	436
Rates of Carriage of Methicillin-Resistant and Methicillin-Susceptible Staphylococcus aureus in an Outpatient Population Julie Kenner, MD, PhD; Tasha O'Connor, MD; Nicholas Piantanida, MD; Joel Fishbain, MD; Bardwell Eberly, BS; Helen Viscount, PhD; Catherine Uyehara, PhD; Duane Hospenthal, MD, PhD	439
Prevalence of and Risk Factors for Colonization With Methicillin-Resistant Staphylococcus aureus in an Outpatient Clinic Population John A. JERNIGAN, MD, MS; AMY L. PULLEN, MPH; CLYDE PARTIN, MD; WILLIAM R. JARVIS, MD	445

Continued inside.



Get Full-Text Online!



Full-text articles are now available online for INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY!

- Read the latest issue
- Find an archived article (PDF format)
- Search by topic, author or keyword

FREE, unlimited access to every article for subscribers Non-subscribers may obtain full-text articles on a pay-per-view basis

ICHEJournal.com

INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY®

C O N T E N T S

Continued from cover

REVIEW

Community-Acquired Methicillin-Resistant Staphylococcus aureus: An Emerging Pathogen Battouli Saïd-Salim, PhD; Barun Mathema, MPH; Barry N. Kreiswirth, PhD	451
CONCISE COMMUNICATIONS	
Incidence and Prevalence of Methicillin-Resistant Staphylococcus aureus Nasal Carriage Among Healthcare Workers in Geriatric Departments: Relevance to Preventive Measures Fabien Scarnato, MD; Marie Reine Mallaret, MD; Jacques Croizé, MD; Dongo Rémi Kouabenan, PhD; Michel Dubois, PhD; Anne Mattre, MD; Régis DeGaudemaris, MD	456
Toxic Epidermal Necrolysis After Topical Intranasal Application of Mupirocin Sophie-Maria Praz, MD; Antoine de Torrenté, MD; Hervé Zender, MD; Edmond Schmied, MD; Charles-André Schleppy, Pharm; Daniel Genné, MD	459
Transmission of Methicillin-Resistant <i>Staphylococcus aureus</i> in the Neonatal Intensive Care Unit From a Patient With Community-Acquired Disease Christiane Eckhardt, MD; Jesse S. Halvosa, MS; Susan M. Ray, MD; Henry M. Blumberg, MD	460
A Pseudo-Outbreak of Vancomycin-Resistant Enterococcus faecium Renato Satovschi Grinbaum, MD; Thaís Guimarães, MD; Elisa Kusano, MD; Nair Hosino, MD; Helio Sader, MD, PhD; Rosangela Ferraz Cereda, MD	461

Full-text articles available online at ICHEJournal.com

The publication of advertising in the Journal does not constitute any guarantee or endorsement by The Society for Healthcare Epidemiology of America or Slack Incorporated of the advertised product or service or of claims made by the advertiser. The publication of articles and other editorial material in the Journal does not necessarily represent the policy recommendations or endorsement by the Society.

PUBLISHER: Infection Control and Hospital Epidemiology (ISSN-0195-9417, Canadian GST#129780466) is published exclusively by SLACK Incorporated 12 times a year. Address: 6900 Grove Road, Thorofare, NJ 08086. Telephone: (856) 848-1000.

SHEA: 19 Mantua Rd., Mt. Royal, NJ 08061; telephone, 856-423-0087; fax, 856-423-3420; e-mail address, sheahq@talley.com.

COPYRIGHT 2003 The Society for Healthcare Epidemiology of America, Inc., and SLACK Incorporated. All rights reserved. No part of this publication may be reproduced without written permission from the publisher. Printed in the USA.

SUBSCRIPTIONS: Requests should be addressed to the publisher (except Japan). In Japan, contact Woodbell Incorporated, 4-22-11, Kitakasai, Edogawaku, Tokyo 134, Japan. Subscription rates in the United States and possessions: Individual: One year \$119.00; Two years \$179.00; Three years \$239.00; Institutional: One year \$259.00; Two years \$439.00; Three years \$64.00. Fellows: \$54.50 per year with proof of training status. Canada: add 7% Goods & Services tax; Overseas; add \$49.00 each year for delivery by air service. Single copies of current issues may be obtained for \$24.00.

INSTRUCTIONS TO AUTHORS: Authors may submit manuscripts prepared in accordance with the 2001 revision of the "Uniform Requirements for Manuscripts Submitted to Biomedical Journals." A digital version it available at www.icmje.org. Submit to RapidReview.com. All submissions must be accompanied by copyright form(s) signed by all authors.

REPRINTS: All requests to reprint or use material published herein should be addressed to John Kain, SLACK Incorporated, 6900 Grove Road, Thorofare, NJ 08086. For reprint orders and prices, contact Karen Lambertson at (856) 848-1000. Authorization to photocopy items for internal or personal use, or the internal or personal use of specific clients, is granted by SLACK Incorporated, provided that the base fee of \$1.00 per copy, plus \$20 per page is paid directly to Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923; phone (978) 750-8400. This consent does not extend to other kinds of copying, such as for general distribution, resale, advertising and promotional purposes, or for creating new collective works.

CHANGE OF ADDRESS: Notice should be sent to the publisher 6 weeks in advance of effective date. Include old and new addresses with zip codes. The publisher cannot accept responsibility for undelivered copies. Periodicals postage paid at Thorofare, New Jersey 08086-9447 and at additional mailing offices. POSTMASTER: Send address changes to SLACK Incorporated, 6900 Grove Road, Thorofare, NJ 08086.

INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY is listed in Index Medicus, Current Contents-Clinical Practice, Hospital Literature Index, Cumulative Index to Nursing & Allied Health Literature, Nursing Abstracts, Laboratory Performance Information Exchange System, and RNdex Top 100.

Vol. 24 No. 6

EDITORIAL OFFICE SLACK Incorporated 6900 Grove Road Thorofare, NJ 08086 (856) 848-1000; (856) 848-6091 (FAX) E-mail: iche@slackinc.com EDITOR Barry M. Farr, MD, MSc DEPUTY EDITORS David P. Calfee, MD, MS William R. Jarvis, MD SENIOR ASSOCIATE EDITORS C. Glen Mayhall, MD Gina Pugliese, RN, MS William Schaffner, MD ASSOCIATE EDITORS Donald A. Goldmann, MD Didier Pittet, MD, MS Andreas Widmer, MD, MS SECTION EDITORS Beyond Infection Control: The New Hospital Epidemiology Wing Hong Seto, MD Hong Kong **Disinfection and Sterilization** William A. Rutala, PhD, MPH Chapel Hill, North Carolina **Emerging Infectious Diseases** Larry J. Strausbaugh, MD Portland, Oregon Robert W. Pinner, MD Atlanta, Georgia From the Laboratory Marcus Zervos, MD Royal Oak, Michigan Fred C. Tenover, PhD Atlanta, Georgia Infections in Immunocompromised Patients Kent Sepkowitz, MD New York City, New York Information Management John A. Sellick, DO Buffalo, New York The International Perspective Mary D. Nettleman, MD, MS Richmond, Virginia **Issues in Surgery** James T. Lee, MD, PhD St. Paul, Minnesota Medical News Gina Pugliese, RN, MS Chicago, Illinois Martin S. Favero, PhD Irvine, California Practical Healthcare Epidemiology Loreen A. Herwaldt, MD Iowa City, Iowa Statistics for Hospital Epidemiology David Birnbaum, PhD, MPH Sidney, British Columbia, Canada Topics in Long-Term Care Philip W. Smith, MD Omaha, Nebraska **Topics in Occupational Medicine** David Weber, MD, MPH Chapel Hill, North Carolina

Executive Vice President Richard N. Roash Vice President, Publishing Operations John C. Carter Editorial Director Jennifer Kilpatrick Executive Editor Shirley P. Strunk, ELS Assistant Editor Jaime Underwood

41700085404 Published online by Cambridge University Press

https://doi.org/10.1017/S01959

INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY®

EDITORIAL ADVISORY BOARD

Jacques F. Acar, MD J. Wesley Alexander, MD Paul Arnow, MD Neil L. Barg, MD Manuel Bastanzuri, MD Elizabeth Ann Bolyard, RN, MPH, CIC John M. Boyce, MD Professor Dr. Ilja Braveny Christian Brun-Buisson, MD Charles Bryan, MD John P. Burke, MD Donald E. Craven, MD Sue Crow, MSN, RN, CIC Franz Daschner, MD Leigh G. Donowitz, MD Charles E. Edmiston, Jr., PhD Theodore C. Eickhoff, MD Bruce Farber, MD Victoria J. Fraser, MD Peter C. Fuchs, MD, PhD Richard A. Garibaldi, MD Robert Gaynes, MD Velvl Greene, PhD, MPH David W. Gregory, MD David K. Henderson, MD Peter N.R. Heseltine, MD Karen Hoffmann, RN, CIC, MS Marguerite McMillan Jackson, RN, PhD Janine Jagger, MPH, PhD Douglas S. Kernodle, MD Robert H. Latham, MD Lewis B. Lefkowitz, MD Hsieh-Shong Leu, MD, MSc Jack Levy, MD Victor Lorian, MD Dennis G. Maki, MD William J. Martone, MD Allison McGeer, MD John E. McGowan, Jr., MD Jonathan L. Meakins, MD, DSc Robert R. Muder, MD Carlene A. Muto, MD, MS Joseph M. Mylotte, MD, CIC Lindsay Nicolle, MD Juhani Ojajärvi, MD Michael T. Osterholm, PhD, MPH Jan Evans Patterson, MD Sindy M. Paul, MD Michael A. Pfaller, MD Samuel Ponce de Leon, MD, MSc Isaam Raad, MD Manfred L. Rotter, MD, DipBact Theodore Sacks, MD Lisa Saiman, MD, MPH William E. Scheckler, MD Andrew E. Simor, MD Denis Spelman, MD Michael L. Tapper, MD Clyde Thornsberry, PhD Professor Leonid P. Titov Timothy R. Townsend, MD Antoni Trilla, MD, PhD Professor Wang Shu-Qun J. John Weems, Jr., MD Robert A. Weinstein, MD Professor Dr. W. Weuffen Sergio B. Wey, MD Rebecca Wurtz, MD

Paris, France Cincinnati, Ohio Chicago, Illinois Yakima, Washington Havana, Cuba Atlanta, Georgia Providence, Rhode Island Munich, Germany Creteil, France Columbia, South Carolina Salt Lake City, Utah Boston, Massachusetts Shreveport, Louisiana Freiburg, Germany Charlottesville, Virginia Milwaukee, Wisconsin Denver, Colorado Manhasset, New York St. Louis, Missouri Black Butte, Oregon Farmington, Connecticut Atlanta, Georgia Beer Sheva, Israel Nashville, Tennessee Bethesda, Maryland Los Angeles, California Chapel Hill, North Carolina San Diego, California Charlottesville, Virginia Nashville, Tennessee Nashville, Tennessee Nashville, Tennessee Taipei, Taiwan Brussels, Belgium Bronx, New York Madison, Wisconsin Bethesda, Maryland Toronto, Ontario, Canada Atlanta, Georgia Montreal, Quebec, Canada Pittsburgh, Pennsylvania Pittsburgh, Pennsylvania Buffalo, New York Winnepeg, Manitoba, Canada Helsinki, Finland Minneapolis, Minnesota San Antonio, Texas Trenton, New Jersey Iowa City, Iowa Mexico City, Mexico Houston, Texas Vienna, Austria Jerusalem, Israel New York, New York Madison, Wisconsin Toronto, Ontario, Canada Prahran Victoria, Australia New York, New York Brentwood, Tennessee Minsk, Republic of Belarus Millwood, Virginia Barcelona, Spain Beijing, People's Republic of China Greenville South Carolina Chicago, Illinois Greifswald, Germany São Paulo, Brazil Evanston, Illinois

SLACK Incorporated 6900 Grove Road Thorofare, New Jersey 08086 (856) 848-1000 Circulation Manager Lester J. Robeson, CCCP Production Director Christine Malin Production Coordinator Joanne Patterson Vice President, U.S. Advertising Wayne McCourt Pharmaceutical Group Sales Director Robin Geller

Advertising Sales Representative Michael Rattery Advertising Sales Administrator Theresa Ficarra Classified/Recruitment Sales Manager Kelly Wark Classified/Recruitment Sales Representative Christopher Morello Director of Reprint Sales John Kain

INFECTIOUS DISEASES

Indiana University Department of Medicine, Division of Infectious Diseases is recruiting for an Assistant/ Associate Professor; tenure, non-tenure or clinical track will be established in accordance with the applicant's credentials. This position will focus on building an Infection Control program in conjunction with the local VA and county hospitals, which are located on our campus. Successful candidates should be BC in internal medicine and BC/BE in infectious diseases and should demonstrate prior experience or training in hospital epidemiology. Three-year fellowship in Infectious Diseases required. At least 75% of the applicant's time will be spent in Infection Control.

For consideration, send a CV, letter of interest, statement of research interest, and three letters of reference to:

Dr. Stanley M. Spinola Director Division of Infectious Diseases Department of Medicine 545 Barnhill Drive, EH 435 Indianapolis, IN 46202-5124

Indiana University is an Affirmative Action/Equal Opportunity Employer M/F/D. Minority women are encouraged to apply.

The Mount Sinai School of Medicine seeks applications for the position of Director of Infection Control and Hospital Epidemiologist. The position is being offered through the Division of Infectious Diseases, as a tenure track position with significant resources. The director will provide oversight for the hospital, medical school and faculty practice infection control programs and will provide leadership in the associated clinical, educational and research activities. The successful candidate will possess the appropriate clinical and administrative skills to oversee the daily activities of the Infection Control personnel as well as have a track record in developing a successful research program in the area of infection control. Qualified candidates must have an MD degree, board certification in internal medicine and BC/BE in Infectious Diseases and be eligible for licensure in NY State.

Letters of application including a CV should be sent by mail or electronically to:

Mary E. Klotman, MD MOUNT SINAI SCHOOL OF MEDICINE Department of Medicine One Gustave L. Levy Place Box 1090 New York, NY 10029 Fax: (212) 534-3240 Mary.Klotman@MSSM.edu

We are an equal opportunity employer fostering diversity in the workplace

Submit Manuscripts

INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY is pleased to announce it is now processing manuscript submissions via **Rapid Review** – a comprehensive tool to manage manuscripts, reviewers, correspondence and workflow. Submitting manuscripts has never been easier!

Take advantage of these benefits:

- Quicker and easier manuscript submission
- Immediate acknowledgement of submissions
- Authors can check an article status online
- Password-protected site for privacy

To submit your manuscripts online, visit RapidReview.com

INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY

https://do

University Press