

INFECTION CONTROL^{AND} HOSPITAL EPIDEMIOLOGY

Volume 10, Number 1 • January 1989

EDITORIAL

Management of HIV-1 Infection in the Hospital Setting

David J. Weber MD, MPH; William A. Rutala, PhD, MPH

ORIGINAL ARTICLES

A Quality Assurance Program for Human Immunodeficiency Virus Seropositivity Screening of Dried-Blood Spot Specimens

W. Harry Hannon, PhD; D. Sue Lewis, BA; Wanda K. Jones, DrPH;
Mary K. Powell, BS

Epidemic of *Serratia marcescens* Bacteremia and Meningitis in a Neonatal Unit in Mexico City

Mussaret Zaidi, MD; José Sifuentes, MD; Miriam Bobadilla, BSc;
David Moncada, BSc; Samuel Ponce de León, MD, MSc

Impact of a Recapping Device on Venepuncture-Related Needlestick Injury

Paul N. Goldwater; R. Law; A.D. Nixon; J.A. Officer; J.F. Cleland

Urinary Tract Infection Following Instrumentation for Urodynamic Testing

Richard J. Hamill, MD; Charles E. Wright, PhD;
Nita Andres, RN, MPH, CIC; Maureen A. Koza, RN, CIC

Inside: Abstract Form for New Challenges
and Controversies Conference

The Official Journal of The Society of Hospital Epidemiologists of America

Introducing
Kappler's NEW
**ProShield™
Apparel**

CONTAMINATION CONTROL
FOR PROFESSIONALS



ProShield garments are available in optional colors, styles and fabrics, offering confidence and practical economy for professionals who serve mankind. For complete information, call us today at 1-800-888-2410.

 **Kappler, Inc.**
A KSG Company

P.O. Drawer 218 • Guntersville, AL 35978
(205) 582-2195 • FAX (205) 582-2706

Ad
CODE

WHEN THERE
WILL BE
NO LONELINESS,
NO DESTITUTION,
NO SICKNESS,
NO WAR,
ONLY THEN
WILL THERE
BE NO NEED
FOR THE
AMERICAN
RED CROSS.

Contact your
local chapter.



**American
Red Cross**

INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY

EDITORIAL	Management of HIV-1 Infection in the Hospital Setting David J. Weber, MD, MPH; William A. Rutala, PhD, MPH	3
ORIGINAL ARTICLES	A Quality Assurance Program for Human Immunodeficiency Virus Seropositivity Screening of Dried-Blood Spot Specimens W. Harry Hannon, PhD; D. Sue Lewis, BA; Wanda K. Jones, DrPH; Mary K. Powell, BS	8
	Epidemic of <i>Serratia marcescens</i> Bacteremia and Meningitis in a Neonatal Unit in Mexico City Mussaret Zaidi, MD; José Sifuentes, MD; Miriam Bobadilla, BSc; David Moncada, BSc; Samuel Ponce de León, MD, MSc	14
	Impact of a Recapping Device on Venepuncture-Related Needlestick Injury Paul N. Goldwater; K. Law; A.D. Nixon; J.A. Officer; J.F. Cleland	21
	Urinary Tract Infection Following Instrumentation for Urodynamic Testing Richard J. Hamill, MD; Charles E. Wright, PhD; Nita Andres, RN, MPH, CIC; Maureen A. Koza, RN, CIC	26
SPECIAL SECTIONS	Topics in Clinical Epidemiology: Utilization Review and Management: A Brief Analysis of a Growth Industry William B. Credé, MD; Walter J. Hierholzer, Jr., MD	33
DEPARTMENTS	<i>SHEA Newsletter</i>	37

The ideas and opinions expressed by contributing authors do not necessarily reflect those of the editors or publisher.

Publisher: Infection Control and Hospital Epidemiology (ISSN-0899-823X) is published monthly by SLACK Incorporated 6900 Grove Road Thorofare New Jersey 08086 Telephone (609) 848-1000

Copyright 1999: All rights reserved. No part of this publication may be reproduced without written permission from the publisher.

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 US and possessions: Individual One year-\$50.00 Two years-\$85.00 Three years-\$115.00 Institutional One year-\$60.00 Two years-\$100.00 Three years-\$140.00 Canada \$15.00 additional each year all other countries \$25.00 additional each year. Single copies of current issues may be obtained for \$7.00 United States and possessions \$13.00 all other countries.

Reprints: All requests to reprint or use material published herein should be addressed to Susan S. Budd SLACK Incorporated, 6900 Grove Road Thorofare NJ 08086. For reprint orders and prices contact Lester J. Robeson at (609) 848-1000.

Change of address: Notice should be sent to the publisher six weeks in advance of effective date. Include old and new addresses with zip codes. The publisher cannot accept responsibility for undelivered copies. Second-class postage is paid at Thorofare New Jersey 08086 and additional entry points. **Postmaster:** Send address changes to SLACK Incorporated 6900 Grove Road Thorofare, NJ 08086.

As of Volume 1 Number 1, INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY is listed in *Index Medicus Current Contents—Clinical Practice*, *Hospital Literature Index* and *Cumulative Index to Nursing and Allied Health Literature*.

EDITORIAL OFFICES

Vanderbilt University School of Medicine
A-1131 Medical Center North
Nashville, TN 37232-2637
(615) 343-1095; (615) 343-1882 (FAX)
Email: iche@mcmail.vanderbilt.edu

EDITOR

Michael D. Decker, MD, MPH

MANAGING EDITOR

Susan Cantrell

STATISTICAL EDITOR

Beverly G. Mellen, PhD

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

Bryan P. Simmons, MD

Stephen B. Kritchewsky, PhD

Memphis, Tennessee

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

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

SHEA News

Murray D. Batt, MD

Clarksburg, West Virginia

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

INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY[®]

EDITORIAL ADVISORY BOARD

Jacques F. Acar, MD	Paris, France
J. Wesley Alexander, MD	Cincinnati, Ohio
Paul Arnow, MD	Chicago, Illinois
Graham A.J. Ayliffe, MD	Birmingham, United Kingdom
Neil L. Barg, MD	Yakima, Washington
Elizabeth Ann Bolyard, RN, MPH, CIC	Atlanta, Georgia
John M. Boyce, MD	Providence, Rhode Island
Professor Dr. Ilja Braveny	Munich, Federal Republic of Germany
Charles Bryan, MD	Columbia, South Carolina
Christian Brun-Buisson, MD	Creteil, France
Donald E. Craven, MD	Boston, Massachusetts
Sue Crow, MSN, RN, CIC	Shreveport, Louisiana
Franz Daschner, MD	Freiburg, Federal Republic of Germany
Leigh G. Donowitz, MD	Charlottesville, Virginia
Charles E. Edmiston, Jr., PhD	Milwaukee, Wisconsin
Theodore C. Eickhoff, MD	Denver, Colorado
Bruce Farber, MD	Manhasset, New York
Victoria J. Fraser, MD	St. Louis, Missouri
Peter C. Fuchs, MD, PhD	Black Butte, Oregon
Richard A. Garibaldi, MD	Farmington, Connecticut
Velvl Greene, PhD, MPH	Beer Sheva, Israel
Robert Gaynes, MD	Atlanta, Georgia
David W. Gregory, MD	Nashville, Tennessee
David K. Henderson, MD	Bethesda, Maryland
Peter N.R. Heseltine, MD	Los Angeles, California
Karen Hoffmann, RN, CIC, MS	Chapel Hill, North Carolina
Marguerite McMillan Jackson, RN, PhD	San Diego, California
Janine Jagger, MPH, PhD	Charlottesville, Virginia
William R. Jarvis, MD	Atlanta, Georgia
Douglas S. Kernodle, MD	Nashville, Tennessee
Robert H. Latham, MD	Nashville, Tennessee
Lewis B. Lefkowitz, MD	Nashville, Tennessee
Hsieh-Shong Leu, MD, MSc	Taipei, Taiwan
Jack Levy, MD	Brussels, Belgium
Victor Lorian, MD	Bronx, New York
Dennis G. Maki, MD	Madison, Wisconsin
Professor Dr. Walter Marget	Munich, Federal Republic of Germany
William J. Martone, MD	Bethesda, Maryland
Allison McGeer, MD	Toronto, Ontario, Canada
John E. McGowan, Jr., MD	Atlanta, Georgia
Jonathan L. Meakins, MD, DSc	Montreal, Quebec, Canada
Raf Mertens, MD	Brussels, Belgium
Robert R. Muder, MD	Pittsburgh, Pennsylvania
Joseph M. Mylotte, MD, CIC	Buffalo, New York
Lindsay Nicolle, MD	Winnipeg, Manitoba, Canada
Juhani Ojajarvi, MD	Helsinki, Finland
Michael T. Osterholm, PhD, MPH	Minneapolis, Minnesota
Jan Evans Patterson, MD	San Antonio, Texas
Sindy M. Paul, MD	Trenton, New Jersey
Michael A. Pfaller, MD	Iowa City, Iowa
Samuel Ponce de Leon, MD, MSc	Mexico City, Mexico
Isaam Raad, MD	Houston, Texas
Manfred L. Rotter, MD, DipBact	Vienna, Austria
Theodore Sacks, MD	Jerusalem, Israel
William E. Scheckler, MD	Madison, Wisconsin
Kent Sepkowitz, MD	New York City, New York
Denis Spelman, MD	Prahran Victoria, Australia
Michael L. Tapper, MD	New York, New York
Clyde Thornsberry, PhD	Brentwood, Tennessee
Professor Leonid P. Titov	Minsk, Republic of Belarus
Timothy R. Townsend, MD	Millwood, Virginia
Antoni Trilla, MD, PhD	Barcelona, Spain
Professor Wang Shu-Qun	Beijing, People's Republic of China
J. John Weems, Jr., MD	Greenville, South Carolina
Robert A. Weinstein, MD	Chicago, Illinois
Professor Dr. W. Weuffen	Greifswald, Federal Republic of Germany
Sergio B. Wey, MD	São Paulo, Brazil
Rebecca Wurtz, MD	Evanston, Illinois

SLACK Incorporated

6900 Grove Road
Thorofare, New Jersey 08086
(609) 848-1000

Vice President/Group Publisher

Richard N. Roash

Publisher

John C. Carter

Editorial Director

Jennifer Kilpatrick

Production Editor

Shirley P. Strunk, ELS

Assistant Editor

Eileen C. Anderer

Circulation Manager

Lester J. Robeson, CCCP

Production Director

Christine Malin

Production Coordinator

Joanne Patterson

Publishing Director/ Advertising

Wayne McCourt

Pharmaceutical Group Sales Director

Michael LoPresti

Advertising Sales Representative

Jennine Kane

Classified/Recruitment Sales Manager

Michele Burch