

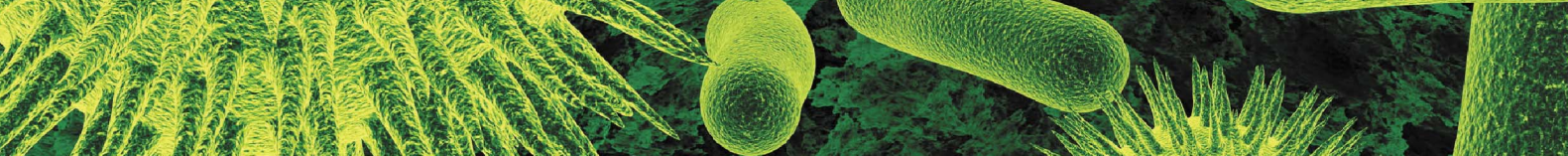
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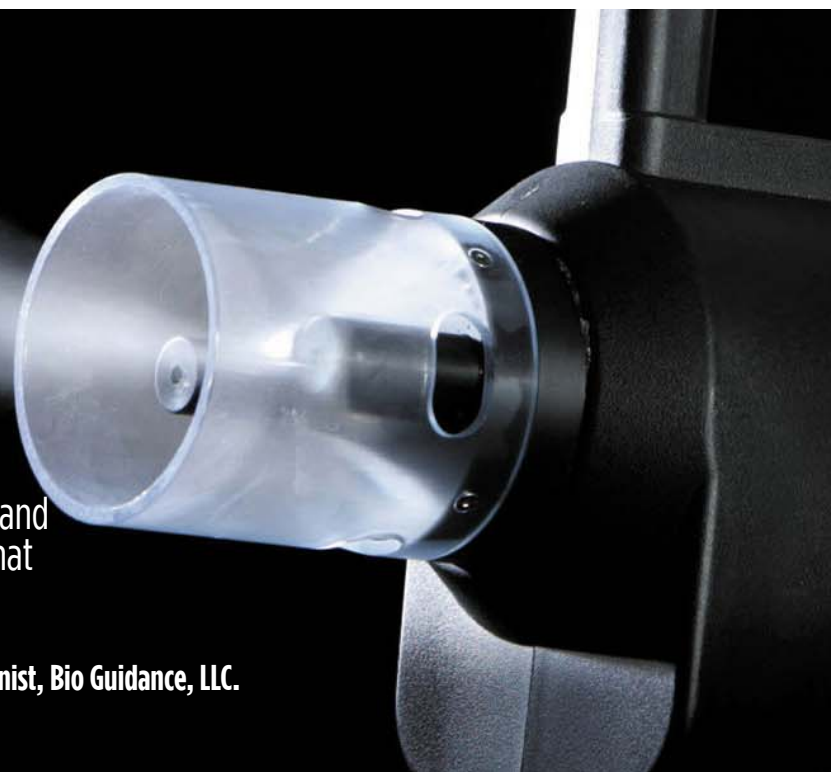




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CONTENTS

SHEA White Papers

- 627 Research Methods in Healthcare Epidemiology and Antimicrobial Stewardship
Daniel J. Morgan, Nasia Safdar, Aaron M. Milstone and Deverick J. Anderson
- 629 Research Methods in Healthcare Epidemiology and Antimicrobial Stewardship: Randomized Controlled Trials
Deverick J. Anderson, Manisha Juthani-Mehta and Daniel J. Morgan

Original Articles

- 635 How Much do Needlestick Injuries Cost? A Systematic Review of the Economic Evaluations of Needlestick and Sharps Injuries Among Healthcare Personnel
Alice Mannocci, Gabriella De Carli, Virginia Di Bari, Rosella Saulle, Brigid Unim, Nicola Nicolotti, Lorenzo Carbonari, Vincenzo Puro and Giuseppe La Torre
- 647 Characteristics of Antimicrobial Stewardship Programs at Veterans Affairs Hospitals: Results of a Nationwide Survey
Ann F. Chou, Christopher J. Graber, Makoto Jones, Yue Zhang, Matthew Bidwell Goetz, Karl Madaras-Kelly, Matthew Samore, Allison Kelly and Peter A. Glassman
- 655 Fluctuation of Viremia in Hepatitis B Virus–Infected Healthcare Workers Performing Exposure-Prone Procedures in the Netherlands
Stijn F. H. Raven, Barry de Heus, Albert Wong, Hans L. Zaaijer and Jim E. van Steenberg
- 661 A Pragmatic Randomized Controlled Trial of 6-Step vs 3-Step Hand Hygiene Technique in Acute Hospital Care in the United Kingdom
Jacqui S. Reilly, Lesley Price, Sue Lang, Chris Robertson, Francine Cheater, Kirsty Skinner and Angela Chow
- 667 Impact of Room Location on UV-C Irradiance and UV-C Dosage and Antimicrobial Effect Delivered by a Mobile UV-C Light Device
John M. Boyce, Patricia A. Farrel, Dana Towle, Renee Fekieta and Michael Aniskiewicz
- 673 Predictors of Heavy Stethoscope Contamination Following a Physical Examination
Clément Tschopp, Alexis Schneider, Yves Longtin, Gesuele Renzi, Jacques Schrenzel and Didier Pittet
- 680 Possible Interplay Between Hospital and Community Transmission of a Novel *Clostridium Difficile* Sequence Type 295 Recognized by Next-Generation Sequencing
Geraldine Moloney, Micheál Mac Aogáin, Maureen Kelleghan, Brian O’Connell, Caroline Hurley, Elizabeth Montague, Mary Conlon, Helena Murray and Thomas R. Rogers
- 685 Transmission Clusters of Methicillin-Resistant *Staphylococcus Aureus* in Long-Term Care Facilities Based on Whole-Genome Sequencing
O. Colin Stine, Shana Burrowes, Sophia David, J. Kristie Johnson and Mary-Claire Roghmann
- 692 A Central Line Care Maintenance Bundle for the Prevention of Central Line–Associated Bloodstream Infection in Non–Intensive Care Unit Settings
Caroline O’Neil, Kelly Ball, Helen Wood, Kathleen McMullen, Pamala Kremer, S. Reza Jafarzadeh, Victoria Fraser and David Warren
- 699 Improving Surveillance for Surgical Site Infections Following Total Hip and Knee Arthroplasty Using Diagnosis and Procedure Codes in a Provincial Surveillance Network
Alysha Rusk, Kathryn Bush, Marlene Brandt, Christopher Smith, Andrea Howatt, Blanda Chow and Elizabeth Henderson

Concise Communications

- 704** Audit and Feedback Processes Among Antimicrobial Stewardship Programs: A Survey of the Society for Healthcare Epidemiology of America Research Network
D. J. Livorsi, B. Heintz, J. T. Jacob, S. L. Krein, D. J. Morgan and E. N. Perencevich
- 707** Handrub Consumption Mirrors Hand Hygiene Compliance
Sebastian Haubitz, Andrew Atkinson, Tanja Kaspar, Doris Nydegger, Anne Eichenberger, Rami Sommerstein and Jonas Marschall
- 711** Utility of a Novel Reflective Marker Visualized by Flash Photography for Assessment of Personnel Contamination During Removal of Personal Protective Equipment
Myreen E. Tomas, Jennifer L. Cadnum, Thriveen S.C. Mana, Annette L. Jencson, Sreelatha Koganti, Heba Alhmidi, Sirisha Kundrapu, Venkata C.K. Sunkesula and Curtis J. Donskey
- 714** The Feasibility of an Infection Control “Safe Zone” in a Spinal Cord Injury Unit
Keshonna Lones, Swetha Ramanathan, Margaret Fitzpatrick, Jennifer N. Hill, Marylou Guihan, Michael S. A. Richardson and Charlesnika T. Evans
- 717** Complications of Hospital-Onset Healthcare Facility–Associated *Clostridium difficile* Infections Among Veterans
Martin E. Evans, Stephen M. Kralovic, Loretta A. Simbartl, Judith L. Whitlock, Rajiv Jain and Gary A. Roselle
- 720** Effect of a *Clostridium difficile* Infection Prevention Initiative in Veterans Affairs Acute Care Facilities
Martin E. Evans, Stephen M. Kralovic, Loretta A. Simbartl, Rajiv Jain and Gary A. Roselle

Research Briefs

- 723** Sampling Surfaces for Ebola Virus Persistence After Cleaning Procedures in High-Level Isolation Settings: The Experience With 2 Patients at the Lazzaro Spallanzani National Institute for Infectious Diseases
Vincenzo Puro, Francesco M. Fusco, Antonella Petrecchia, Silvia Pittalis, Mario Antonini, Licia Bordi, Eleonora Lalle, Concetta Castillett, Antonino Di Caro, Maria Rosaria Capobianchi and Giuseppe Ippolito
- 725** Epidemiologic Review of Carbapenem-Resistant Enterobacteriaceae, Duodenoscopes, and Endoscopic Ultrasonography in the Department of Veterans Affairs
Russell A. Ryono, Patricia L. Schirmer, Cynthia Lucero-Obusan, Gina Oda, Jason A. Dominitz and Mark Holodniy
- 728** Factors Affecting Adherence to a Preoperative Surgical Site Infection Prevention Protocol
Joshua K. Schaffzin, Colleen Mangeot, Heidi Sucharew, Andrew F. Beck and Peter F. Sturm
- 731** Colonization With Vancomycin-Resistant Enterococci After Discharge From an Epidemic Ward: Results of Outpatient Contact Screening by Visiting Nurses
Cathy Voide, Christiane Petignat, Dominique S. Blanc, Giorgio Zanetti, Patrick Genoud, Jean-Blaise Wasserfallen and Laurence Senn
- 732** Determinants of Successful Methicillin-Resistant *Staphylococcus aureus* Decolonization
Elodie von Dach, Caroline Landelle, Americo Agostinho, Thomas Haustein, Patrice François, Gesuele Renzi, Jacques Schrenzel and Stephan Harbarth
- 736** Blood Culture Contamination Definitions Can Obscure the Extent of Blood Culture Contamination: A New Standard for Satisfactory Institution Performance Is Needed
Richard G. Patton

Letters to the Editor

- 739** Antimicrobial Stewardship Programs: Engaging Project Managers to Increase Productivity
Brandy Bryant, Jennifer Curello, Daniel Uslan, Romney Humphries, Meganne Kanatani and Zahra Kassamali

- 740** Verbal Communication With Providers Improves Acceptance of Antimicrobial Stewardship Interventions
Jacob B. Morton, Daniel J. Curzake, Haley J. Morrill, Diane M. Parente, Melissa M. Gaitanis and Kerry L. LaPlante
- 742** Seamless Suits: Reducing Personnel Contamination Through Improved Personal Protective Equipment Design
Myreen E. Tomas, Jennifer L. Cadnum, Thriveen S.C. Mana, Annette L. Jencson and Curtis J. Donskey
- 744** Clinical Guideline Inconsistency Regarding the Prevention of Hepatitis B and C Virus Transmission
Jianhua Lin and Jiman He
- 745** Identification of *Clostridium difficile* RT078 From Patients and Environmental Surfaces in Zhejiang Province, China
Hui Jin, Kaiwen Ni, Lingya Wei, Linhai Shen, Hong Xu, Qingxin Kong and Xiaoping Ni
- 747** Identification of a Novel NDM Variant, *blaNDM-3*, From a Multidrug-Resistant *Acinetobacter baumannii*
Mohit Kumar
- 748** Menacing Emergence of Fosfomycin Resistance Among *Klebsiella pneumoniae* Carbapenemase-2-Producing *K. pneumoniae* Driven by Prior Use in Critically Ill Patients
Leandro Reus Rodrigues Perez
- 749** Prevalence of Asymptomatic Bacteriuria in Hospitalized Patients
Sergio E. Trevino, Jeffrey P. Henderson, Jiami Wu, Candice Cass and Jonas Marschall

About the cover:



The cover format of each volume of *Infection Control & Hospital Epidemiology* honors one of the many professionals throughout history who recognized not only how disease might be spread but also how the principles of epidemiology could be applied to reduce healthcare-associated infections.

Florence Nightingale (1820–1910) was named after the Italian city where she was born to affluent and well-educated English landowners. As a middle-class woman in Victorian England, Florence recognized that she was destined for a life of domesticity and “trivial occupations.” Her choice of nursing, given its reputation at the time as a vocation for poor elderly spinsters, was met with significant familial opposition. During her European travels, Ms. Nightingale visited the Deaconess Mutterhaus in Kaiserswerth, Düsseldorf, one of the most forward thinking nursing training schools of the day. She returned to Düsseldorf to complete her training and then studied with the Sisters of Charity in Paris. She later assumed the role of superintendent at a hospital for invalid gentlewomen in London.

In 1854, the Minister of War invited Ms. Nightingale to oversee the introduction of nurses at British Army hospitals in Scutari, Turkey. Up to that point, 20% of men who fought in the Crimean War died, and approximately 70% of those deaths were due to infections such as typhus, cholera, typhoid, and dysentery. The germ theory of disease had not yet been formulated, but Florence Nightingale recognized that most problems were caused by “inadequate diet, dirt, and drains.” She adopted the concept of “sanitary nursing” ensuring that patient care focused on prevention of infection through adequate diet, fresh air, light, warmth, and cleanliness. She was an early advocate for hand hygiene and the need for clean water, adequate ventilation, and appropriate sewage disposal. Each night, she traveled through more than 6 km of hospital wards carrying a Turkish lamp; thus the media referred to her as “The Lady with the Lamp.” With her interventions, mortality rates declined to 2%–6%.

In response, a grateful nation raised £50,000 for the Nightingale Fund, and the first professional training school for nurses at St. Thomas’ Hospital, London, was established under her direction. Florence Nightingale was one of the first to apply statistical analysis to her observations. She made important recommendations regarding the optimal design of hospitals and patient wards, saying, “The very first requirement in a hospital is that it should do the sick no harm.” Training schools have been established worldwide based on her ideas. Florence Nightingale was the first woman to receive Britain’s highest civilian decoration, the Order of Merit. She died at the age of 90 after many years of being bed-ridden due to chronic illness, possibly brucellosis.

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