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CONTENTS

Original Articles

- 1395** Inappropriate *Clostridium difficile* Testing and Consequent Overtreatment and Inaccurate Publicly Reported Metrics
Sean G. Kelly, Michael Yarrington, Teresa R. Zembower, Sarah H. Sutton, Christina Silkaitis, Michael Postelnick, Anessa Mikolajczak and Maureen K. Bolon
- 1401** An Evaluation of Food as a Potential Source for *Clostridium difficile* Acquisition in Hospitalized Patients
Jennie H. Kwon, Cristina Lanzas, Kimberly A. Reske, Tiffany Hink, Sondra M. Seiler, Kerry M. Bommarito, Carey-Ann D. Burnham and Erik R. Dubberke
- 1408** Assessing the Risk of Hospital-Acquired *Clostridium Difficile* Infection With Proton Pump Inhibitor Use: A Meta-Analysis
Vanessa Arriola, Jessica Tischendorf, Jackson Musuuza, Anna Barker, Jeffrey W. Rozelle and Nasia Safdar
- 1418** A Novel Risk Factor Associated With Colonization by Carbapenemase-Producing Enterobacteriaceae: Use of Proton Pump Inhibitors in Addition to Antimicrobial Treatment
Vincent C. C. Cheng, Jonathan H. K. Chen, Simon Y. C. So, Sally C. Y. Wong, Pui-Hing Chau, Lisa M. W. Wong, Radley H. C. Ching, Modissa M. L. Ng, Wan-Mui Lee, Ivan F. N. Hung, Pak-Leung Ho and Kwok-Yung Yuen
- 1426** Assessment of the Overall and Multidrug-Resistant Organism Bioburden on Environmental Surfaces in Healthcare Facilities
Alicia M. Shams, Laura J. Rose, Jonathan R. Edwards, Salvatore Cali, Anthony D. Harris, Jesse T. Jacob, Anna LaFae, Lisa L. Pineles, Kerri A. Thom, L. Clifford McDonald, Matthew J. Arduino and Judith A. Noble-Wang
- 1433** Clinical and Molecular Characterization of Community-Onset Urinary Tract Infections Due to Extended-Spectrum Cephalosporin-Resistant Enterobacteriaceae
Judith A. Anesi, Ebbing Lautenbach, Irving Nachamkin, Charles Garrigan, Warren B. Bilker, Mary Wheeler, Pam Tolomeo and Jennifer H. Han
- 1440** Comparison of Data Collection for Healthcare-Associated Infection Surveillance in Nursing Homes
Lauren Epstein, Nimalie D. Stone, Lisa LaPlace, Jane Harper, Ruth Lynfield, Linn Warnke, Tory Whitten, Meghan Maloney, Richard Melchreit, Richard Rodriguez, Gail Quinlan, Cathleen Concannon, Ghinwa Dumyati, Deborah L. Thompson and Nicola Thompson
- 1446** CLABSI Risk Factors in the NICU: Potential for Prevention: A PICNIC Study
Maya Dahan, Shauna O'Donnell, Julie Hebert, Milagros Gonzales, Bonita Lee, A. Uma Chandran, Samantha Woolsey, Sandra Escoredo, Heather Chinnery and Caroline Quach
- 1453** "Bundle" Practices and Ventilator-Associated Events: Not Enough
John C. O'Horo, Haitao Lan, Charat Thongprayoon, Louis Schenck, Adil Ahmed and Mikhail Dziadzko
- 1458** Risk Factors for Surgical Site Infections Following Adult Spine Operations
Ambar Haleem, Hsiu-Yin Chiang, Ravindhar Vodela, Andrew Behan, Jean M. Pottinger, Joseph Smucker, Jeremy D. Greenlee, Charles Clark and Loreen A. Herwaldt
- 1468** Impact of an Infection Control and Antimicrobial Stewardship Program on Solid Organ Transplantation and Hepatobiliary Surgical Site Infections
Charles Frenette, David Sperlea, Yveta Leharova and Daniel J. G. Thirion
- 1475** Energy Conservation and the Promotion of *Legionella pneumophila* Growth: The Probable Role of Heat Exchangers in a Nosocomial Outbreak
Emilie Bédard, Simon Lévesque, Philippe Martin, Linda Pinsonneault, Kiran Paranjape, Cindy Lalancette, Charles-Éric Dolcé, Manuela Villion, Louis Valiquette, Sébastien P. Faucher and Michèle Prévost

Concise Communications

- 1481** Role of Coinfecting Strains in Recurrent *Clostridium difficile* Infection
Janet Sun, Tracy McMillen, N. Esther Babady and Mini Kamboj
- 1485** Prevalence of and Factors Associated With Multidrug Resistant Organism (MDRO) Colonization in 3 Nursing Homes
James A. McKinnell, Loren G. Miller, Raveena Singh, Ken Kleinman, Ellena M. Peterson, Kaye D. Evans, Tabitha D. Dutciuc, Lauren Heim, Adrijana Gombosov, Marlene Estevez, Bryn Launer, Tom Tjoa, Steven Tam, Michael A. Bolaris and Susan S. Huang
- 1489** Preemptive Isolation Precautions of Patients at High Risk for Methicillin-Resistant *Staphylococcus aureus* in Combination With Ultrarapid Polymerase Chain Reaction Screening as an Effective Tool for Infection Control
Ghias Hallak, Bruno Neuner, Joerg C. Schefold, Kerstin Gorzelniak, Brigitte Rapsch, Roland Pfüller, Dirk Stengel, Jürgen Wellmann, Axel Ekkernkamp and Michael Walter
- 1492** Understanding Barriers to Optimal Cleaning and Disinfection in Hospitals: A Knowledge, Attitudes, and Practices Survey of Environmental Services Workers
Daniel A. Bernstein, Elizabeth Salsgiver, Matthew S. Simon, William Greendyke, Daniel P. Eiras, Masahiro Ito, Dean A. Caruso, Timothy M. Woodward, Odette T. Perriel, Lisa Saiman, E. Yoko Furuya and David P. Calfee
- 1496** Sustained High Level of Healthcare Worker Adherence With Hand Hygiene Practice Recommendations Using the Patient-as-Observer Approach in the Ambulatory Setting
Rachael A. Lee, Gary R. Cutter, Janet L. Pate, Emily Boohaker and Bernard C. Camins
- 1499** Impact of an Antimicrobial Stewardship Care Bundle to Improve the Management of Patients with Suspected or Confirmed Urinary Tract Infection
Curtis D. Collins, Jared J. Kabara, Sarah M. Michienzi and Anurag N. Malani

Commentaries

- 1502** Using a Human Factors Engineering Approach to Improve Patient Room Cleaning and Disinfection
Clare Rock, Sara E. Cosgrove, Sara C. Keller, Heather Enos-Graves, Jennifer Andonian, Lisa L. Maragakis, Ayse P. Gurses and Anping Xie for the CDC Prevention Epicenters Program
- 1507** Patients as Patches: Ecology and Epidemiology in Healthcare Environments
Eric T. Lofgren, Andrea M. Egizi and Nina H. Fefferman

Research Briefs

- 1513** Seroprevalence of Middle East Respiratory Syndrome Coronavirus Among Healthcare Personnel Caring for Patients With Middle East Respiratory Syndrome in South Korea
Ji Yeon Lee, Gayeon Kim, Dong-Gyun Lim, Hyeon-Gun Jee, Yunyoung Jang, Joon-Sung Joh, Ina Jeong, Yeonjae Kim, Eunhee Kim and Bum Sik Chin
- 1514** Middle East Respiratory Syndrome Coronavirus Transmission in Dialysis Unit and Infection Control Interventions in Korea
Soo-youn Moon, Jun Seong Son, Yu Ho Lee, Young-Tae Kwak, Ho Yeon Chung, Hyung-Lae Lee, Woo-In Lee, Sang Ho Lee, Ju-Young Moon and Yang-Gyun Kim
- 1516** Standardizing Direct Observation for Assessing Compliance to a Daily Chlorhexidine Bathing Protocol Among Hospitalized Patients
Jackson S. Musuuzza, Ann Schoofs Hundt, Michele Zimbric, Pascale Carayon and Nasia Safdar

Letters to the Editor

- 1519** *Aedes* Mosquito Larva in the Hospital: A Note From Thailand
Viroj Wiwanitkit
- 1519** Can Fecal Microbiota Transplantation (FMT) Eradicate Fecal Colonization With Vancomycin-Resistant Enterococci (VRE)?
Kyung Mok Sohn, Shinhye Cheon and Yeon-Sook Kim
- 1521** Increase in Prevalence of KPC-2–Producing *Klebsiella pneumoniae* Recovered From Respiratory Secretions of Intensive Care Patients—*Getting a Free Ride* on a Menacing Colistin Resistance
Leandro Reus Rodrigues Perez
- 1523** Reviewers for Volume 37

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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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