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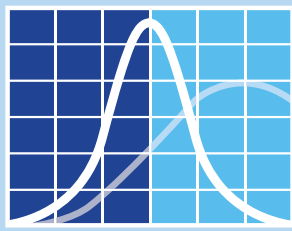
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CONTENTS

Joint Statement

- 1 Unique perspectives, unified voice
Louise M. Dembry and Susan A. Dolan

Original Articles

- 3 Association of Airborne Microorganisms in the Operating Room With Implant Infections: A Randomized Controlled Trial
Rabih O. Darouiche, David M. Green, Melvyn A. Harrington, Bruce L. Ehni, Panagiotis Kougias, Carlos F. Bechara and Daniel P. O'Connor
- 11 Invasiveness Index as a Predictor of Surgical Site Infection after Spinal Fusion, Revision Fusion, or Laminectomy
Brian L. Hollenbeck, Kevin J. McGuire, Andrew P. White, David S. Yassa and Sharon B. Wright
- 18 Multidrug-Resistant Organisms Detected More Than 48 Hours After Hospital Admission Are Not Necessarily Hospital-Acquired
Stefan Erb, Reno Frei, Marc Dangel and Andreas F. Widmer
- 24 Longitudinal Multicenter Analysis of Outcomes After Cessation of Control Measures for Vancomycin-Resistant Enterococci
Camille Lemieux, Michael Gardam, Gerald Evans, Michael John, Kathryn N. Suh, Carl vanWalraven, Elisa Vicencio, Cameron Coulby, Virginia Roth and Susy Hota
- 31 Clinical Outcomes and Healthcare Utilization Related to Multidrug-Resistant Gram-Negative Infections in Community Hospitals
Kristen V. Dicks, Deverick J. Anderson, Arthur W. Baker, Daniel J. Sexton and Sarah S. Lewis
- 39 Impact of Ultraviolet Germicidal Irradiation for No-Touch Terminal Room Disinfection on *Clostridium difficile* Infection Incidence Among Hematology-Oncology Patients
David A. Pegues, Jennifer Han, Cheryl Gilmar, Brooke McDonnell and Steven Gaynes
- 45 Utilization of Health Services Among Adults With Recurrent *Clostridium difficile* Infection: A 12-Year Population-Based Study
Jennifer L. Kuntz, Jennifer M. Baker, Patricia Kipnis, Sherian Xu Li, Vincent Liu, Yang Xie, Stephen Marcella and Gabriel J. Escobar
- 53 Status of the Prevention of Multidrug-Resistant Organisms in International Settings: A Survey of the Society for Healthcare Epidemiology of America Research Network
Nasia Safdar, Sharmila Sengupta, Jackson S. Musuuza, Manisha Juthani-Mehta, Marci Drees, Lilian M. Abbo, Aaron M. Milstone, Jon P. Furuno, Meera Varman, Deverick J. Anderson, Daniel J. Morgan, Loren G. Miller, Graham M. Snyder and the SHEA Research Committee
- 61 Community- and Healthcare-Associated Methicillin-Resistant *Staphylococcus aureus* Strains: An Investigation Into Household Transmission, Risk Factors, and Environmental Contamination
Wil Ng, Amna Faheem, Allison McGeer, Andrew E. Simor, Antonella Gelosia, Barbara M. Willey, Christine Watt, David C. Richardson, Henry Wong, Krystyna Ostrowska, Lee Vernich, Matthew P. Muller, Piraveina Gnanasuntharam, Vanessa Porter and Kevin Katz

Cover image: Detail of Lister Introduces Antisepsis, from “The History of Medicine” by Robert Thom, used with permission from University of Michigan Museum of Art.

- 68** Environmental Exposures and the Risk of Central Venous Catheter Complications and Readmissions in Home Infusion Therapy Patients
Sara C. Keller, Deborah Williams, Mitra Gavvani, David Hirsch, John Adamovich, Dawn Hohl, Amanda Krosche, Sara Cosgrove and Trish M. Perl
- 76** An Antimicrobial Stewardship Program Based on Systematic Infectious Disease Consultation in a Rehabilitation Facility
Sara Tedeschi, Filippo Trapani, Maddalena Giannella, Francesco Cristini, Fabio Tumietto, Michele Bartoletti, Annalisa Liverani, Salvatore Pignanelli, Luisa Toni, Roberto Pederzini, Augusto Cavina and Pierluigi Viale
- 83** Infection Prevention and Antimicrobial Stewardship Knowledge for Selected Infections Among Nursing Home Personnel
Barbara W. Trautner, M. Todd Greene, Sarah L. Krein, Heidi L. Wald, Sanjay Saint, Andrew J. Rolle, Sara McNamara, Barbara S. Edson and Lona Mody
- 89** Impact of Two Different Antimicrobial Stewardship Methods on Frequency of Streamlining Antimicrobial Agents in Patients with Bacteremia
Jennifer Lukaszewicz Bushen, Jimish M. Mehta, Keith W. Hamilton, Shawn Binkley, Daniel R. Timko, Ebbing Lautenbach and David A. Pegues
- 96** Incidence of Hospital Norovirus Outbreaks and Infections Using 2 Surveillance Methods in Sweden
Carl-Johan Fraenkel, Malin Inghammar, P. J. Hugo Johansson and Blenda Böttiger

Review Article

- 103** *Mycobacterium chimaera* Outbreak Associated With Heater-Cooler Devices: Piecing the Puzzle Together
Rami Sommerstein, Peter W. Schreiber, Daniel J. Diekema, Michael B. Edmond, Barbara Hasse, Jonas Marschall, Hugo Sax

Concise Communications

- 109** Failure of Risk-Adjustment by Test Method for *C. difficile* Laboratory-Identified Event Reporting
Alexandre R. Marra, Michael B. Edmond, Bradley A. Ford, Loreen A. Herwaldt, Abdullah R. Algwizani and Daniel J. Diekema
- 112** Assessing Occupancy and Its Relation to Healthcare-Associated Infections
Neal D. Goldstein, Bailey C. Ingraham, Stephen C. Eppes, Marci Drees and David A. Paul
- 115** A Pseudo-outbreak of Aspergillosis at a Tertiary Care Hospital: Thinking Beyond the Infection Control Risk Assessment
Michelle Doll, Michael Anne Preas, J. Kristie Johnson, Clifford Mitchell, Brenda Roup, Lucy Wilson, Christine Carothers, Grace Nkonge and Surbhi Leekha
- 119** Improvement of Hand Hygiene Quality and Compliance Using Bioburden Measurement and Online Feedback in Germany
Frank Günther, Kai Rudolph, Uwe Frank and Nico T. Mutters

Research Brief

- 123** Association of Partial Hip Replacement With Higher Risk of Infection and Mortality in France
Leslie Grammatico-Guillon, Caroline Perreau, Katuska Milianni, Francois L'Heriteau, Philippe Rosset, Louis Bernard, Didier Lepelletier, Emmanuel Rusch and Pascal Astagneau

Letters to the Editor

- 126** Is the Polymyxin B Resistance Among Multidrug-Resistant Enterobacteriaceae (Except for the Carbapenemase-producing Ones) a Myth or a Matter?
Leandro Reus Rodrigues Perez
- 127** Fear of Failure: Engaging Patients in Antimicrobial Stewardship after Fecal Transplantation for Recurrent *Clostridium difficile* Infection
Michelle T. Hecker, Edith Ho and Curtis J. Donskey

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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.

Joseph Lister (1827–1912) was born to a Quaker family in the outskirts of London. His father, Joseph Jackson Lister, worked as a wine merchant by day and pursued the study of optics as a hobby. His work helped found modern microscopy, for which he was elected to the Royal Academy in 1832.

Young Lister decided to become a surgeon at an early age. Due to his religious affiliation, Lister was barred from attending older universities of greater prestige and settled upon study at the University of London, from which he received his medical degree and Fellowship in the Royal Academy of Surgeons. Lister moved to Edinburgh in 1853 to work under Mr. Syme, one of the preeminent British surgeons of the day. In Edinburgh, Lister made important observations on the pathogenesis of inflammation. He also gained a wife, Syme's daughter, Agnes, but in doing so had to become a member of the Church of England. Agnes worked closely beside Lister for many years, recording his experiments in great detail.

By 1856, Lister assumed professorship in surgery at the University of Glasgow, where he began to develop his principles of antiseptic surgery. At the time, surgical mortality rates from sepsis ranged from 23% to 60%, and it was assumed that putrefaction and purulent infection of wounds originated from tainted air. Based on the work of his colleague, Louis Pasteur, Lister performed a series of meticulous experiments in which he used antiseptics and developed optimal wound dressing techniques that focused on keeping wounds clean rather than excluding air. Lister traveled widely in the United Kingdom, Europe, and the United States promoting his wound-care techniques. He returned briefly to Edinburgh before assuming the Chair of Clinical Surgery at King's College in London. In 1891, Lister became a Founder of the British Institute for Preventive Medicine, the first academic medical research institute in the United Kingdom. He served as the Institute's President, and the organization was ultimately renamed in his honor. Lister served as President of the Royal Society of London and was appointed to the House of Lords. After his death, Lord Lister chose not to be buried in Westminster Abbey but rather was laid to rest next to his wife.