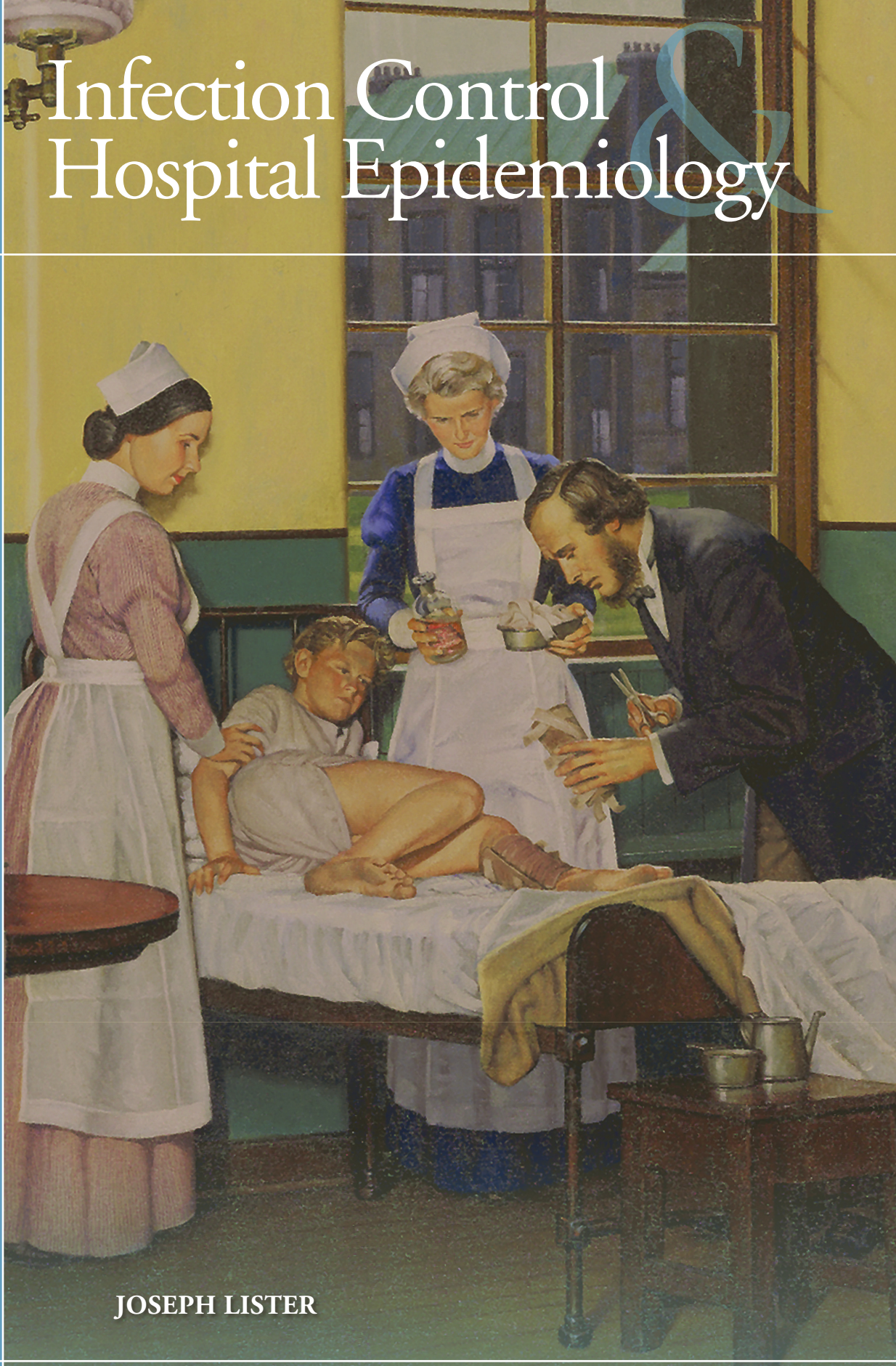


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CONTENTS

Original Articles

- 639** Reducing *Clostridium difficile* in the Inpatient Setting: A Systematic Review of the Adherence to and Effectiveness of *C. difficile* Prevention Bundles
Anna K. Barker, Caitlyn Ngam, Jackson S. Musuuza, Valerie M. Vaughn and Nasia Safdar
- 651** Evaluating Risk Factors for *Clostridium difficile* Infection In Stem Cell Transplant Recipients: A National Study
Nishi N. Shah, William McClellan, Christopher R. Flowers, Sagar Lonial, Hannah Khoury, Edmund K. Waller, Amelia Langston and Ajay K. Nooka
- 658** Use of a Perianal Swab Compared With a Stool Sample to Detect Symptomatic *Clostridium difficile* Infection
Marisa A. Montecalvo, Ennet Sisay, Donna McKenna, Guiqing Wang, Paul Visintainer and Gary P. Wormser
- 663** The Impact of Reducing Antibiotics on the Transmission of Multidrug-Resistant Organisms
Sean L. Barnes, Clare Rock, Anthony D. Harris, Sara E. Cosgrove, Daniel J. Morgan and Kerri A. Thom
- 670** Modifiable Risk Factors for the Spread of *Klebsiella pneumoniae* Carbapenemase-Producing Enterobacteriaceae Among Long-Term Acute-Care Hospital Patients
Koh Okamoto, Michael Y. Lin, Manon Haverkate, Karen Lolans, Nicholas M. Moore, Shayna Weiner, Rosie D. Lyles, Donald Blom, Yoona Rhee, Sarah Kemble, Louis Fogg, David W. Hines, Robert A. Weinstein, Mary K. Hayden and for the CDC Prevention Epicenters Program
- 678** Adenosine Triphosphate Quantification Correlates Poorly with Microbial Contamination of Duodenoscopes
Lovisa B. Olafsdottir, Sharon B. Wright, Anne Smithey, Riley Heroux, Elizabeth B. Hirsch, Alice Chen, Benjamin Lane, Mandeep S. Sawhney and Graham M. Snyder
- 685** Definitional Change in NHSN CAUTI Was Associated with an Increase in CLABSI Events: Evaluation of a Large Health System
Mohamad G. Fakh, Clariencia Groves, Angelo Bufalino, Lisa K. Sturm and Ann L. Hendrich
- 690** A Prospective, Holistic, Multicenter Approach to Tracking and Understanding Bloodstream Infections in Pediatric Hematology-Oncology Patients
Aditya H. Gaur, David G. Bundy, Eric J. Werner, Jeffrey D. Hord, Marlene R. Miller, Li Tang, John P. Lawlor, Amy L. Billett and the Children's Hospital Association Childhood Cancer & Blood Disorders Network (CCBDN)
- 697** First Results of the Swiss National Surgical Site Infection Surveillance Program: Who Seeks Shall Find
Nicolas Troillet, Emin Aghayev, Marie-Christine Eisenring, Andreas F. Widmer and Swissnoso
- 705** A Year in the Life of a Contaminated Heater-Cooler Unit With *Mycobacterium chimaera*?
Mark I. Garvey, Craig W. Bradley and Jimmy Walker
- 712** The Impact of Environmental Design on Doffing Personal Protective Equipment in a Healthcare Environment: A Formative Human Factors Trial
Tracey A. Herlihey, Stefano Gelmi, Joseph A. Cafazzo and Trevor N. T. Hall

Concise Communications

- 718** Risk of *Clostridium difficile* Infection in Hematology-Oncology Patients Colonized With Toxigenic *C. difficile*
Cara M. Cannon, Jackson S. Musuuza, Anna K. Barker, Megan Duster, Mark B. Juckett, Aurora E. Pop-Vicas and Nasia Safdar

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.

- 721** A Novel Metric to Monitor the Influence of Antimicrobial Stewardship Activities
Daniel J. Livorsi, Erin O'Leary, Tamra Pierce, Lindsey Reese, Katharina L. van Santen, Daniel A. Pollock, Jonathan R. Edwards and Arjun Srinivasan
- 724** Identifying Opportunities to Improve Guideline-Concordant Antibiotic Prescribing in Veterans with Acute Respiratory Infections or Cystitis
Hayley E. Meyer, Brian C. Lund, Brett H. Heintz, Bruce Alexander, Jason A. Egge and Daniel J. Livorsi
- 729** Analysis of Multidrug-Resistant Organism Susceptibility to Chlorhexidine Under Usual Clinical Care
Jackson S. Musuuza, Ajay K. Sethi, Tonya J. Roberts and Nasia Safdar
- 732** Semiautomated Surveillance of Deep Surgical Site Infections After Primary Total Hip or Knee Arthroplasty
Meander E. Sips, Marc J. M. Bonten and Maaïke S. M. van Mourik
- 736** Is There a Correlation Between Infection Control Performance and Other Hospital Quality Measures?
Lyndsay M. O'Hara, Daniel J. Morgan, Lisa Pineles, Shanshan Li, Carol Sulis, Jason Bowling, Marci Drees, Jesse T. Jacob, Deverick J. Anderson, David K. Warren and Anthony D. Harris
- 740** Evaluation of *Staphylococcus aureus* Bacteremia: Academic and Community-Based Management Within the Same Health System
Sumaya Ased, Hamza Rayes, Jaspreet Dhimi, Nick Amosson, Akua Fordjour, Jeff Macaraeg, Renuga Vivekanandan, Josh Wilson, Annie Cabri, Michele Davids, Jennifer Anthone, Stephen Cavalieri and Christopher J. Destache
- 743** Variability in Antifungal and Antiviral Use in Hospitalized Children
Jennifer L. Goldman, Rachael K. Ross, Brian R. Lee, Jason G. Newland, Adam L. Hersh, Matthew P. Kronman and Jeffrey S. Gerber

Research Briefs

- 747** Using Clinical Scenarios to Understand Preventability of *Clostridium difficile* Infections by Inpatient Antibiotic Stewardship Programs
Jessica Seidelman, Kristen V. Dicks, Michael J. Durkin, Arthur W. Baker, Rebekah W. Moehring, Deverick J. Anderson, Daniel J. Sexton, Luke F. Chen and Sarah S. Lewis
- 749** Neonatal Outbreak of Methicillin-Resistant *Staphylococcus aureus* Clone Geraldine: A Bundle of Measures to Halt Transmission
Elodie Couvé-Deacon, Fabienne Mons, Fabien Garnier, Pierre Leduc, Laure Ponthier, Marie Domelier, Anne Tristan, Marie-Cécile Ploy and Nathalie Pestourie
- 751** Absence of Correlation Between Vancomycin Consumption and Minimum Inhibitory Concentration of Methicillin-Resistant *Staphylococcus aureus* Isolates
Cezar Vinícius Würdig Riche, Renato Cassol Ferreira da Silva, Jorge Alberto Santiago Ferreira, Cícero Armídio Gomes Dias and Diego Rodrigues Falci

Letters to the Editor

- 754** Know Thy Self, Know Thy Enemy: A Current Survey and a Forecast for KPC-Producing *Klebsiella pneumoniae* Resistance Among Inpatients in Southern Brazil
Leandro Reus Rodrigues Perez
- 755** Reliability of Surveillance for Ventilator-Associated Events and Pneumonia; Methodological and Statistical Issues
Siamak Sabour
- 756** Improved Outcomes When Antibiotic Prescribing Guidelines Are Followed by Healthcare Providers: A Colombian Example to Encourage Adherence in Hospital Settings
Max Feinstein, Kevin Escandón-Vargas, Sergio Reyes, Cristhian Hernández-Gómez, Christian J. Pallares and María V. Villegas

- 758 Deadly Sins of Antibiotic Abuse in China
Zheng Wang, Han Zhang, Jun Han, Hao Xing, Meng-chao Wu and Tian Yang
- 759 Gunshot Injury Paraplegics—A Population Dying a Slow, Irreversible, and Expensive Death—A Viewpoint on Preventing Pressure Ulcers
Teena Chopra, Keith Kaye and Jack Sobel
- 760 Occupational Severe Fever With Thrombocytopenia Syndrome Following Needle-Stick Injury
Yuxin Chen, Bei Jia, Rui Huang, Xiaomin Yan, Yali Xiong, Liu Yong and Wu Chao

Corrigendum

- 763 Invasiveness Index as a Predictor of Surgical Site Infection after Spinal Fusion, Revision Fusion, or Laminectomy – CORRIGENDUM

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.

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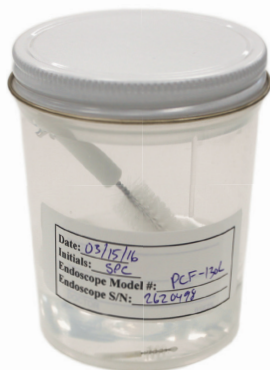


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Infection Control & Hospital Epidemiology (ISSN 0899-823X) is published monthly by Cambridge University Press, One Liberty Plaza, New York, NY 10006, USA.

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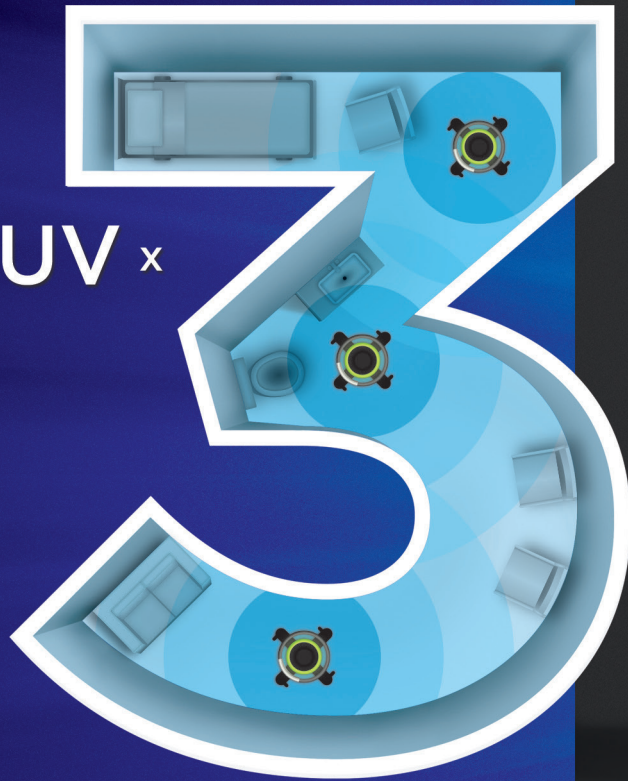
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