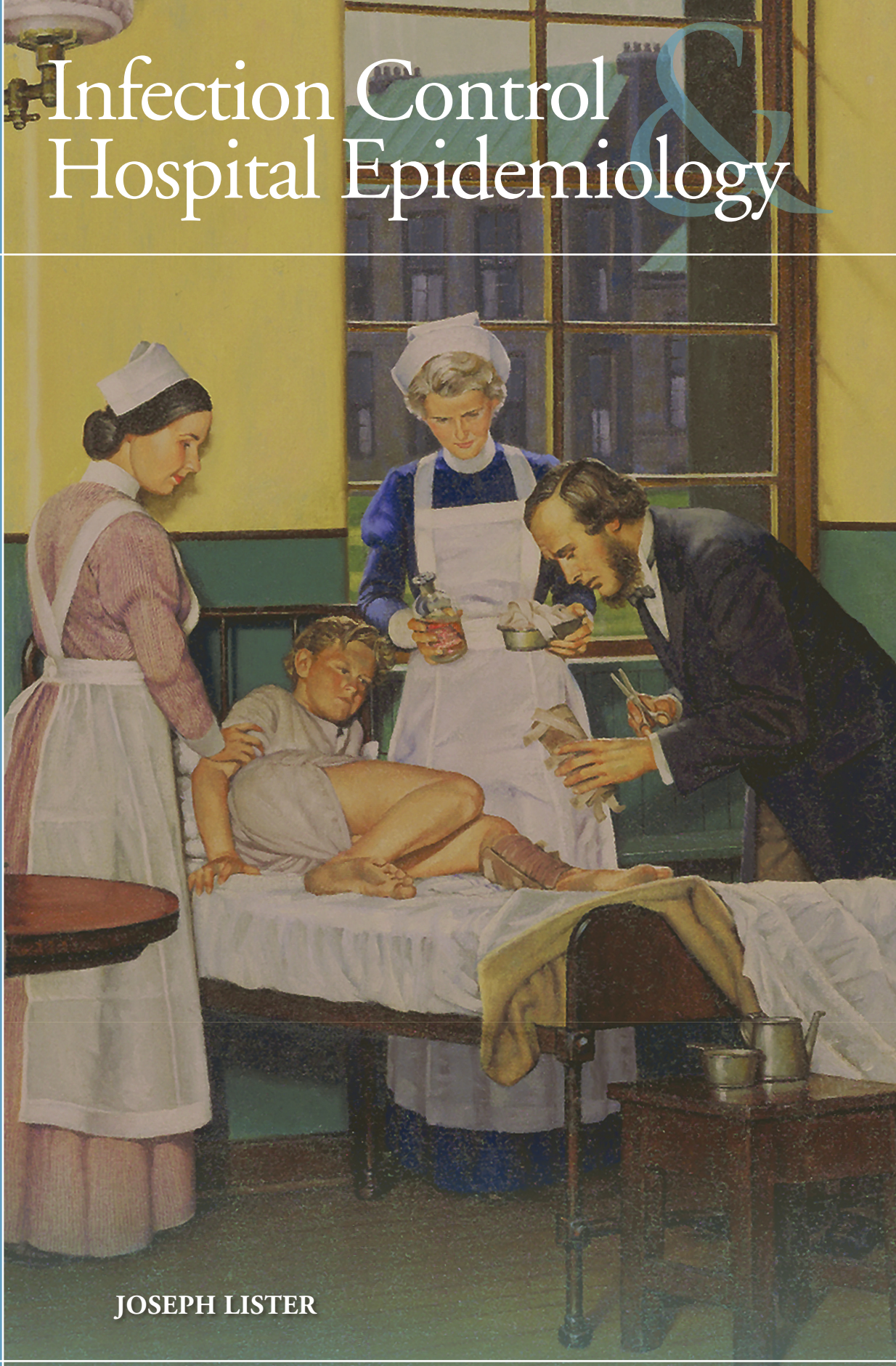


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CONTENTS

Original Articles

- 891** Distinguishing *Clostridium difficile* Recurrence From Reinfection: Independent Validation of Current Recommendations
Ana Durovic, Andreas F. Widmer, Reno Frei and Sarah Tschudin-Sutter
- 897** External Validation of Three Prediction Tools for Patients at Risk of a Complicated Course of *Clostridium difficile* Infection: Disappointing in an Outbreak Setting
Yvette H. van Beurden, Marjolein P. M. Hensgens, Olaf M. Dekkers, Saskia Le Cessie, Chris J. J. Mulder and Christina M. J. E. Vandenbroucke-Grauls
- 906** Burden of *Clostridium difficile* Infections in French Hospitals in 2014 From the National Health Insurance Perspective
Soline Leblanc, Cécile Blein, Antoine Andreumont, Pierre-Alain Bandinelli and Thibaut Galvain
- 912** Incidence and Risk Factors for Community and Hospital Acquisition of *Clostridium difficile* Infection in the Tel Aviv Sourasky Medical Center
Wasef Na'amnih, Amos Adler, Tamar Miller-Roll, Dani Cohen and Yehuda Carmeli
- 921** Healthcare Antibiotic Resistance Prevalence – DC (HARP-DC): A Regional Prevalence Assessment of Carbapenem-Resistant Enterobacteriaceae (CRE) in Healthcare Facilities in Washington, District of Columbia
Jacqueline Reuben, Nancy Donegan, Glenn Wortmann, Roberta DeBiasi, Xiaoyan Song, Princy Kumar, Mary McFadden, Sylvia Clagon, Janet Mirdamadi, Diane White, Jo Ellen Harris, Angella Browne, Jane Hooker, Michael Yochelson, Milena Walker, Gary Little, Gail Jernigan, Kathleen Hansen, Brenda Dockery, Brendan Sinatro, Morris Blaylock, Kimary Harmon, Preetha Iyengar, Trevor Wagner and Jo Anne Nelson and HARP Study Team
- 930** Bacterial Infections in Neonates Following Mupirocin-Based MRSA Decolonization: A Multicenter Cohort Study
Rebecca Pierce, Kristina Bryant, Alexis Elward, Justin Lessler and Aaron M. Milstone
- 937** Variation in Empiric Coverage Versus Detection of Methicillin-Resistant *Staphylococcus aureus* and *Pseudomonas aeruginosa* in Hospitalizations for Community-Onset Pneumonia Across 128 US Veterans Affairs Medical Centers
Barbara E. Jones, Kevin Antoine Brown, Makoto M. Jones, Benedikt D. Huttner, Tom Greene, Brian C. Sauer, Karl Madaras-Kelly, Michael A. Rubin, Matthew Bidwell Goetz and Matthew H. Samore
- 945** A Network Model of Hand Hygiene: How Good Is Good Enough to Stop the Spread of MRSA?
Neal D. Goldstein, Stephen C. Eppes, Amy Mackley, Deborah Tuttle and David A. Paul
- 953** Multistate Modeling to Analyze Nosocomial Infection Data: An Introduction and Demonstration
Martin Wolkewitz, Maja von Cube and Martin Schumacher
- 960** The Iowa Disinfection Cleaning Project: Opportunities, Successes, and Challenges of a Structured Intervention Program in 56 Hospitals
Philip Carling and Loreen A. Herwaldt
- 966** Working Despite Having Influenza-Like Illness: Results of An Anonymous Survey of Healthcare Providers Who Care for Transplant Recipients
Sherif B. Mossad, Abhishek Deshpande, Sarah Schramm, Xiaobo Liu and Michael B. Rothberg

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.

- 970** Access, Education and Policy Awareness: Predictors of Influenza Vaccine Acceptance Among VHA Healthcare Workers
Jennifer Lipkowitz Eaton, David C. Mohr, Kathleen M. McPhaul, Richard A. Kaslow and Richard A. Martinello
- 976** Analysing Tuberculosis Cases Among Healthcare Workers to Inform Infection Control Policy and Practices
Gerard de Vries, Rianne van Hunen, Fleur S. Meerstadt-Rombach, Paul D. L. P. M. van der Valk, Marinus Vermue and Sytze T. Keizer
- 983** What Is the Applicability of a Novel Surveillance Concept of Ventilator-Associated Events?
Miia Jansson, Tero Ala-Kokko, Lauri Ahvenjärvi, Jaana Karhu, Pasi Ohtonen and Hannu Syrjälä

Concise Communications

- 989** Indirect Versus Direct Standardization Methods for Reporting Healthcare-Associated Infections: An Analysis of Central Line-Associated Bloodstream Infections in Maryland
Lyndsay M. O'Hara, Max Masnick, Surbhi Leekha, Sarah S. Jackson, Natalia Blanco and Anthony D. Harris
- 993** Development and Application of an Antibiotic Spectrum Index for Benchmarking Antibiotic Selection Patterns Across Hospitals
Jeffrey S. Gerber, Adam L. Hersh, Matthew P. Kronman, Jason G. Newland, Rachael K. Ross and Talene A. Metjian
- 998** Measuring Antibiotic Appropriateness for Urinary Tract Infections in Nursing Home Residents
Taniece Eure, Lisa L. LaPlace, Richard Melchreit, Meghan Maloney, Ruth Lynfield, Tory Whitten, Linn Warnke, Ghinwa Dumyati, Gail Quinlan, Cathleen Concannon, Deborah Thompson, Nimalie D. Stone and Nicola D. Thompson
- 1002** When Sterile Processing Goes Down: An Economic Analysis of Alternative Strategies for Supporting the Service
Susan E. Mittenzwei, Jeannie L. Topkoff, Mary T. Bessesen, Clifford A. Porter, Gurdev S. Rai and Westyn Branch-Elliman

Research Briefs

- 1005** Effect of Cessation of Contact Isolation for Endemic Methicillin-Resistant *Staphylococcus aureus* and Vancomycin-Resistant Enterococci
Mark E. Rupp, Teresa Fitzgerald, Kim Hayes, Trevor Van Schooneveld, Angela Hewlett, Ryan Clevenger and Elizabeth Lyden
- 1007** Impact of Organism Identification Method on Central Line-Associated Bloodstream Infection Designation
Emily J. Gomez, Amity L. Roberts, Diana P. Robinson, Kevin Alby, Nathan A. Ledebor, Christopher D. Doern, David W. Lander, Gonzalo Bearman and Kaede V. Sullivan

Letters to the Editor

- 1010** Cost Savings and Burden of an Intravascular Line Tip Culture Screening Policy
Felipe Francisco Tuon, Sarah Pacher, Laryssa Gonçalves Moreira, Guilherme Becker and Juliette Cielinski
- 1011** Intensive Care Unit Probiotic Utilization Rates: When Committee Recommendations and Physician Utilization Diverge
Andrew C. Berry, Meghan Learned, Jeffery Garland, Lauryn Berry, Sonia Rodriguez, Benjamin Scott and Bruce B. Berry
- 1013** Risk Factors for Surgical Site Infections Following Neurosurgical Spinal Fusion Operations: A Case-Control Study—Methodological issue
Erfan Ayubi and Saeid Safiri
- 1014** Concerns Associated With Cleaning Robotic Surgical Instruments—Response to Wallace
Yuhei Saito, Hiroshi Yasuhara, Satoshi Murakoshi, Takami Komatsu, Kazuhiko Fukatsu and Yushi Uetera

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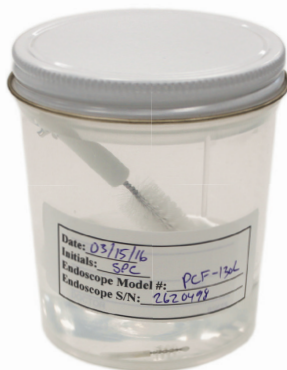
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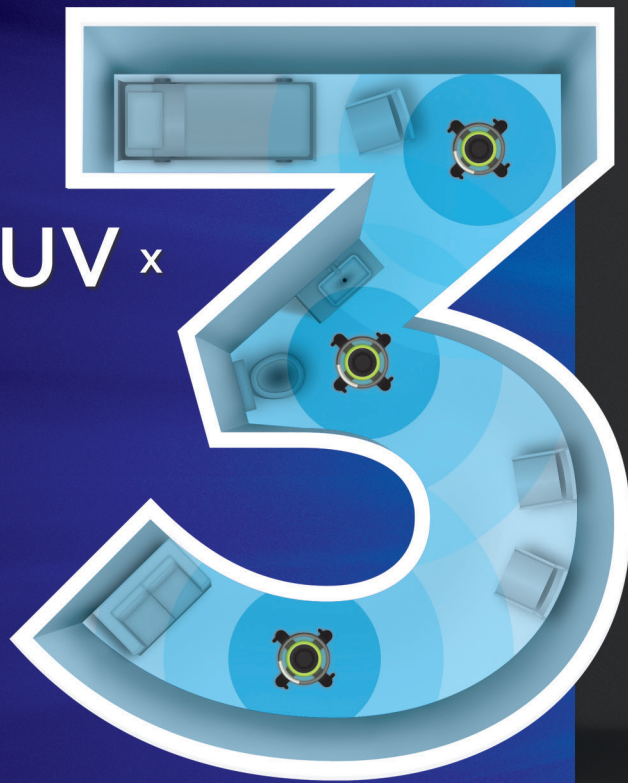
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About the cover:



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.

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