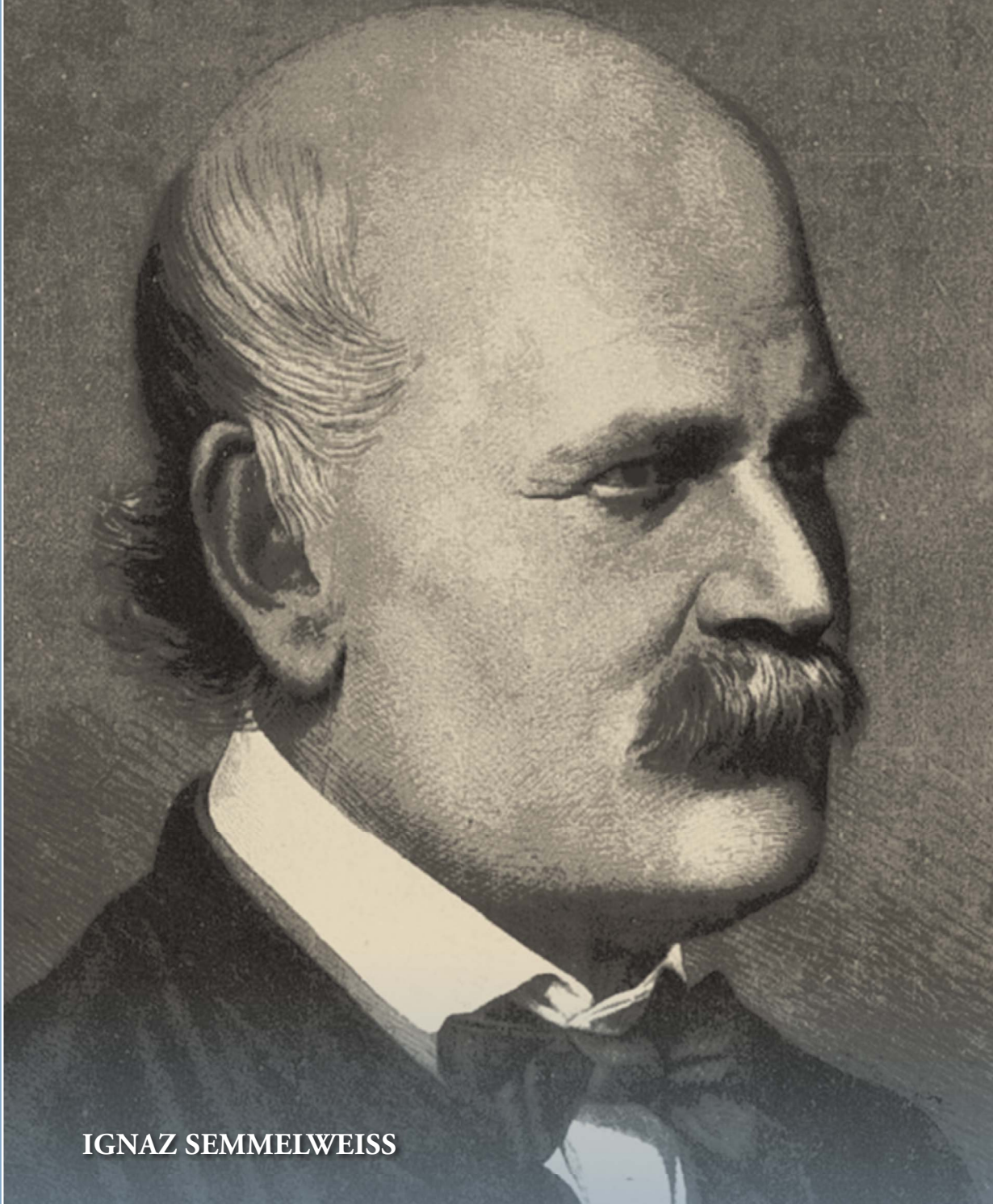
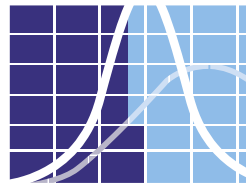


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CONTENTS

Editorial

- 1 Welcome to Our New Publisher: Cambridge University Press
Suzanne F. Bradley

Original Articles

- 2 Cost-Benefit Analysis from the Hospital Perspective of Universal Active Screening Followed by Contact Precautions for Methicillin-Resistant *Staphylococcus aureus* Carriers
James A. McKinnell, Sarah M. Bartsch, Bruce Y. Lee, Susan S. Huang, and Loren G. Miller
- 14 *Commentary*: Economic Analysis of Universal Active Surveillance Screening for Methicillin-Resistant *Staphylococcus aureus*: Perspective Matters
JaHyun Kang, Kenneth J. Smith, Cindy L. Bryce, and Carlene A. Muto
- 17 Cost-Effectiveness of Strategies to Prevent Methicillin-Resistant *Staphylococcus aureus* Transmission and Infection in an Intensive Care Unit
Courtney A. Gidengil, Charlene Gay, Susan S. Huang, Richard Platt, Deborah Yokoe, and Grace M. Lee for the Centers for Disease Control and Prevention (CDC) Prevention Epicenters Program
- 28 Screening for Methicillin-Resistant *Staphylococcus aureus* Colonization Using Sponges
Chang-Seop Lee, Bianca Montalmon, Jessica A. O'Hara, Alveena Syed, Charma Chaussard, Traci L. McGaha, Diana L. Pakstis, Ju-Hyung Lee, Kathleen A. Shutt, and Yohei Doi
- 34 Methicillin-Resistant *Staphylococcus aureus* (MRSA) Nasal Real-Time PCR: A Predictive Tool for Contamination of the Hospital Environment
David J. Livorsi, Sana Arif, Patricia Garry, Madan G. Kundu, Sarah W. Satola, Thomas H. Davis, Byron Batteiger, and Amy B. Kressel
- 40 Postoperative Burden of Hospital-Acquired *Clostridium difficile* Infection
Zaid M. Abdelsattar, Greta Krapohl, Layan Alrahmani, Mousumi Banerjee, Robert W. Krell, Sandra L. Wong, Darrell A. Campbell Jr., David M. Aronoff, and Samantha Hendren
- 47 Frequency, Risk Factors, and Outcomes of Vancomycin-Resistant *Enterococcus* Colonization and Infection in Patients with Newly Diagnosed Acute Leukemia: Different Patterns in Patients with Acute Myelogenous and Acute Lymphoblastic Leukemia
Clyde D. Ford, Bert K. Lopansri, Souha Haydoura, Greg Snow, Kristin K. Dascomb, Julie Asch, Finn Bo Petersen, and John P. Burke
- 54 Evaluating State-Specific Antibiotic Resistance Measures Derived from Central Line-Associated Bloodstream Infections, National Healthcare Safety Network, 2011
Minn M. Soe, Jonathan R. Edwards, Dawn M. Sievert, Philip M. Ricks, Shelley S. Magill, and Scott K. Fridkin
- 65 Validation of an Automated Surveillance Approach for Drain-Related Meningitis: A Multicenter Study
Maaïke S. M. van Mourik, Annet Troelstra, Jan Willem Berkelbach van der Sprenkel, Marischka C. E. van der Jagt-Zwetsloot, Jolande H. Nelson, Piet Vos, Mark P. Arts, Paul J. W. Dennesen, Karel G. M. Moons, and Marc J. M. Bonten
- 76 A Cluster of Central Line-Associated Bloodstream Infections Due to Rapidly Growing Nontuberculous Mycobacteria in Patients with Hematologic Disorders at a Japanese Tertiary Care Center: An Outbreak Investigation and Review of the Literature
Yasuaki Tagashira, Yasuji Kozai, Hitomi Yamasa, Masako Sakurada, Tetsuya Kashiya, and Hitoshi Honda

- 81** Risk Factors for *Mycobacterium abscessus* subsp. *bolletii* Infection After Laparoscopic Surgery During an Outbreak in Brazil
Gabriela Baruque Villar, Felipe Teixeira de Mello Freitas, Jesus Pais Ramos, Carlos Eduardo Dias Campos, Paulo Cesar de Souza Caldas, Fernanda Santos Bordalo, Tatyana Costa Amorim Ramos, Vívian do Nascimento Pereira, Marcelo Cordeiro-Santos, Joao Hugo Abdalla Santos, Glauco Coelho Motta, Suzie Marie Gomes, Verena Maria Mendes de Souza, and Wildo Navegantes de Araujo
- 87** Infection Control Preparedness for Human Infection With Influenza A H7N9 in Hong Kong
Vincent C. C. Cheng, Josepha W. M. Tai, W. M. Lee, W. M. Chan, Sally C. Y. Wong, Jonathan H. K. Chen, Rosana W. S. Poon, Kelvin K. W. To, Jasper F. W. Chan, P. L. Ho, K. H. Chan, and K. Y. Yuen

Review Article

- 93** Influence of Staff Behavior on Infectious Risk in Operating Rooms: What Is the Evidence?
Gabriel Birgand, Philippe Saliou, and Jean-Christophe Lucet

Concise Communication

- 107** Comparison of NHSN-Defined Central Venous Catheter Day Counts with a Method that Accounts for Concurrent Catheters
Thomas R. Talbot, James G. Johnson, Theodore Anders, and Rachel M. Hayes

Letters to the Editor

- 110** Low Incidence of *Clostridium difficile* Infection (CDI) in Patients Treated with Outpatient Parenteral Antimicrobial Therapy (OPAT)
Ken K. Wong, Thomas G. Fraser, Nabin K. Shrestha, Cynthia Fatica, and Abhishek Deshpande
- 112** Code Flash: How an Interdisciplinary Team Eradicated Immediate-Use Steam Sterilization
Sandee Foster, Sheila Cox Sullivan, Julie Brandt, Tom Brockway, Renita Jackson, Diana Griffin, Tim Mullins, Bonnie K. Walker, Melissa Ball, Margie Scott, and Michael R. Winn
- 113** Parental Perceptions about Required Influenza Immunization
Sim Sai Tin and Viroj Wiwanitkit
- 114** SHEA's White Paper on Electronic Surveillance Data Requirements
David Birnbaum
- 115** Is It Necessary to Perform Hand Hygiene for Healthcare Workers Before Initial Patient Environment Contact?
Rong-hui Liu and Duo-shuang Xie
- 116** The Carbapenemase Menace: Do Dual Mechanisms Code for More Resistance?
Mubin Kazi, Anjali Shetty, and Camilla Rodrigues

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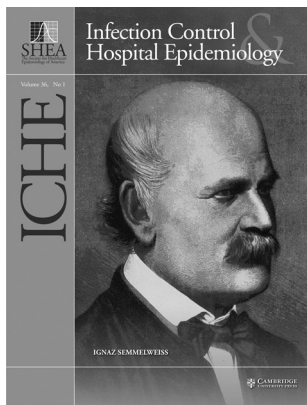
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About the cover:



Starting in 2015, the cover format of each volume of Infection Control & Hospital Epidemiology will highlight one of the many professionals throughout history who not only recognized how disease might be spread, but also how epidemiological principles could be applied to reduce healthcare associated infections.

Ignaz Semmelweis (1818-1865) was a Hungarian physician who was appointed an assistant in obstetrics at the Allgemeine Krakenhaus in Vienna. He recognized that women delivered by midwife trainees were significantly less likely to die of puerperal fever than those delivered by physicians or medical students. He hypothesized that puerperal fever could be spread to mothers at the time of delivery by the hands of obstetricians that became contaminated while performing autopsies on women who had died in the maternity ward. Controlled trials of hand washing with chloride of lime solution and disinfection of instruments showed that he could reduce infections among the women cared for by physicians by almost 20-fold. Unfortunately, he did not publish his findings which contributed to the lack of acceptance of antisepsis among senior staff; Semmelweis' academic appointment was not renewed. He left for Budapest, but his beliefs failed to gain traction among colleagues in Hungary. Semmelweis' increasingly erratic and angry behavior led to commitment to an asylum; he died there within a few short weeks at the age of 47 years. Contrary to legend, Semmelweis' autopsy suggests that he did not die of streptococcal gangrene, but rather of trauma related to beatings inflicted by the guards at the asylum and an early Alzheimer-type dementia.