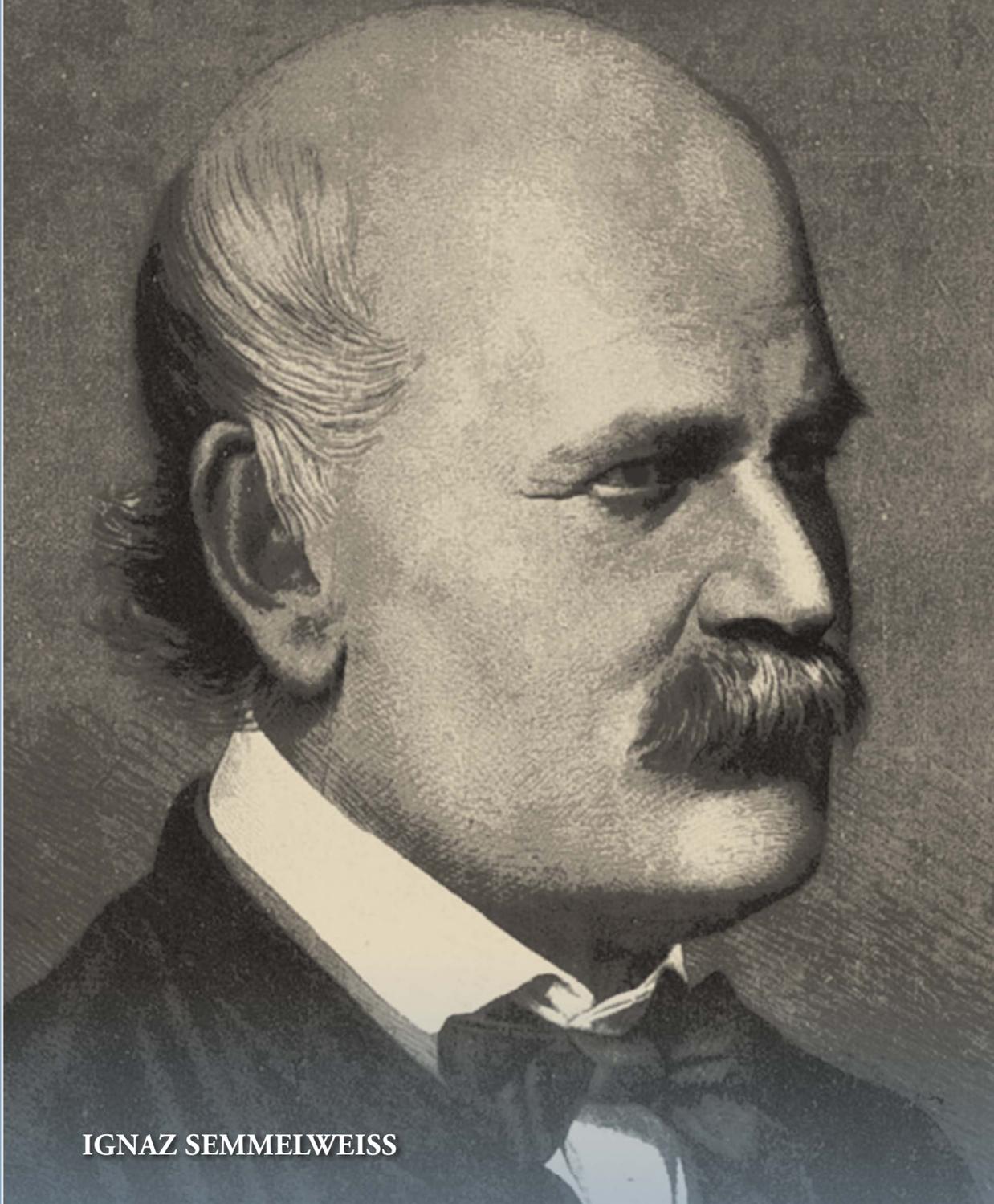
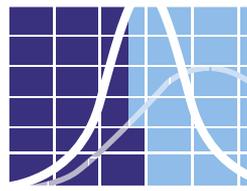


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## CONTENTS

## SHEA White Paper

- 369** Guidance for Infection Prevention and Healthcare Epidemiology Programs: Healthcare Epidemiologist Skills and Competencies  
*Keith S. Kaye, Deverick J. Anderson, Evelyn Cook, Susan S. Huang, Jane D. Siegel, Jerry M. Zuckerman and Thomas R. Talbot*

## Original Articles

- 381** Regional Infection Control Assessment of Antibiotic Resistance Knowledge and Practice  
*Stephanie R. Black, Kingsley N. Weaver, Robert A. Weinstein, Mary K. Hayden, Michael Y. Lin, Mary Alice Lavin and Susan I. Gerber*
- 387** Risk Factors for *gyrA* and *parC* Mutations in *Pseudomonas aeruginosa*  
*Valerie C. Cluzet, Ebbing Lautenbach, Irving Nachamkin, Mark S. Cary, Neil O. Fishman, Natalie N. C. Shih, Knashawn H. Morales and Darren R. Linkin*
- 394** Extensive Dissemination of Extended Spectrum  $\beta$ -Lactamase-Producing Enterobacteriaceae in a Dutch Nursing Home  
*Ina Willemsen, Jolande Nelson, Yvonne Hendriks, Ans Mulders, Sandrien Verhoeff, Paul Mulder, Robert Roosendaal, Kim van der Zwaluw, Carlo Verhulst, Marjolein Kluytmans-van den Bergh and Jan Kluytmans*
- 401** Universal Screening and Decolonization for Control of MRSA in Nursing Homes: A Cluster Randomized Controlled Study  
*Cristina Bellini, Christiane Petignat, Eric Masserey, Christophe Büla, Bernard Burnand, Valentin Rousson, Dominique S. Blanc and Giorgio Zanetti*
- 409** Diminishing Surgical Site Infections in Australia: Time Trends in Infection Rates, Pathogens and Antimicrobial Resistance Using a Comprehensive Victorian Surveillance Program, 2002–2013  
*Leon J. Worth, Ann L. Bull, Tim Spelman, Judith Brett and Michael J. Richards*
- 417** Surgical Site Infection after Renal Transplantation  
*Anthony D. Harris, Brandon Fleming, Jonathan S. Bromberg, Peter Rock, Grace Nkonge, Michele Emerick, Michelle Harris-Williams and Kerri A. Thom*
- 424** Central Line-Associated Bloodstream Infections in Non-ICU Inpatient Wards: A 2-Year Analysis  
*Yoona Rhee, Michael Heung, Benrong Chen and Carol E. Chenoweth*
- 431** Impact of Universal Gowning and Gloving on Health Care Worker Clothing Contamination  
*Calvin Williams, Patty McGraw, Elyse E. Schneck, Anna LaFae, Jesse T. Jacob, Daniela Moreno, Katherine Reyes, G. Fernando Cubillos, Daniel H. Kett, Ronald Estrella, Daniel J. Morgan, Anthony D. Harris and Marci Drees*
- 438** Cost-Effectiveness Analysis of Fecal Microbiota Transplantation for Recurrent *Clostridium difficile* Infection  
*Raghu U. Varier, Eman Biltaji, Kenneth J. Smith, Mark S. Roberts, M. Kyle Jensen, Joanne LaFleur and Richard E. Nelson*
- 445** Molecular Epidemiology of *Clostridium difficile* Infections in Children: A Retrospective Cohort Study  
*Larry K. Kociolek, Sameer J. Patel, Stanford T. Shulman and Dale N. Gerding*
- 452** Risk Factors for Recurrent *Clostridium difficile* Infection: A Systematic Review and Meta-Analysis  
*Abhishek Deshpande, Vinay Pasupuleti, Priyaleela Thota, Chaitanya Pant, David D.K. Rolston, Adrian V. Hernandez, Curtis J. Donskey and Thomas G. Fraser*

### Concise Communications

- 461** Examining Hospital Patients' Knowledge and Attitudes Toward Hospital-Acquired Infections and Their Participation in Infection Control  
*Holly Seale, Yuliya Novytska, Julie Gallard and Rajneesh Kaur*
- 464** Substantial Variation in Hospital Rankings after Adjusting for Hospital-Level Predictors of Publicly-Reported Hospital-Associated *Clostridium difficile* Infection Rates  
*Rupak Datta, N. Neely Kazerouni, Jon Rosenberg, Vinh Q. Nguyen, Michael Phelan, John Billimek, Chenghua Cao, Patricia McLendon, Kate Cummings and Susan S. Huang*
- 467** The Potential Impact of Excluding Funguria from the Surveillance Definition of Catheter-Associated Urinary Tract Infection  
*Kristen V. Dicks, Arthur W. Baker, Michael J. Durkin, Sarah S. Lewis, Rebekah W. Moehring, Deverick J. Anderson, Daniel J. Sexton and Luke F. Chen*
- 470** Overtreatment of Asymptomatic Bacteriuria: Identifying Targets for Improvement  
*Sarah Hartley, Staci Valley, Latoya Kuhn, Laraine L. Washer, Tejal Gandhi, Jennifer Meddings, Carol Chenoweth, Anurag N. Malani, Sanjay Saint, Arjun Srinivasan and Scott A. Flanders*
- 474** Antibiotic Prescribing at the Transition from Hospitalization to Discharge: A Target for Antibiotic Stewardship  
*Norihiro Yogo, Michelle K. Haas, Bryan C. Knepper, William J. Burman, Philip S. Mehler and Timothy C. Jenkins*
- 479** Risk Factors for Central-Line-Associated Bloodstream Infections: A Focus on Comorbid Conditions  
*Christopher S. Pepin, Kerri A. Thom, John D. Sorkin, Surbhi Leekha, Max Masnick, Michael Anne Preas, Lisa Pineles and Anthony D. Harris*

### Research Brief

- 482** Compliance with the World Health Organization Hand Hygiene Technique: A Prospective Observational Study  
*Sarah Tschudin-Sutter, Daniel Sepulcri, Marc Dangel, Heinz Schuhmacher and Andreas F. Widmer*

### Letters to the Editor

- 484** Sterilization Indicators in Central Sterile Supply Department: Quality Assurance and Cost Implications  
*Debabrata Basu, Sanjay Bhattacharya, Aseem Mahajan, Venkata Raman Ramanan and Mammen Chandy*
- 486** Making the Case for Textiles with a Dual Mechanism of Action  
*Amber H. Mitchell*
- 487** Mobile Phone Microbial Contamination Among Neonatal Unit Healthcare Workers  
*Giovanni Battista Orsi, Fabio Natale, Gabriella d'Ettore, Carmela Protano, Vincenzo Vullo and Mario De Curtis*
- 489** Inconsistencies Regarding the Number of Outbreaks and Mortality Rate of Hospital-Acquired Infections Caused by Contaminated Propofol  
*Andrés Zorrilla-Vaca and Paola A. Vaca-Gonzalez*
- 490** Potential Risk of Aerosol-Borne *Francisella tularensis* Transmission in the Operating Room  
*Sören L. Becker, Wolf D. Splettstoesser, Yoo-Jin Kim, Thomas Junghanss, Mathias Herrmann, Gregor Wolf and Maximilian Linxweiler*
- 492** Port-Related Nontyphoidal *Salmonella* Bacteremia  
*Hung-Jen Tang, Chien-Ming Chao and Chih-Cheng Lai*

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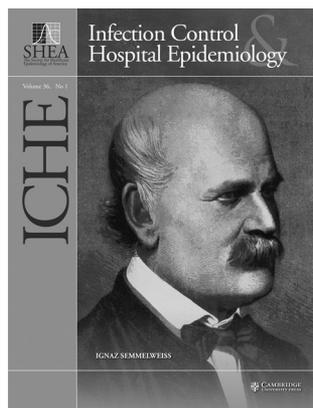
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## About the cover:



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.

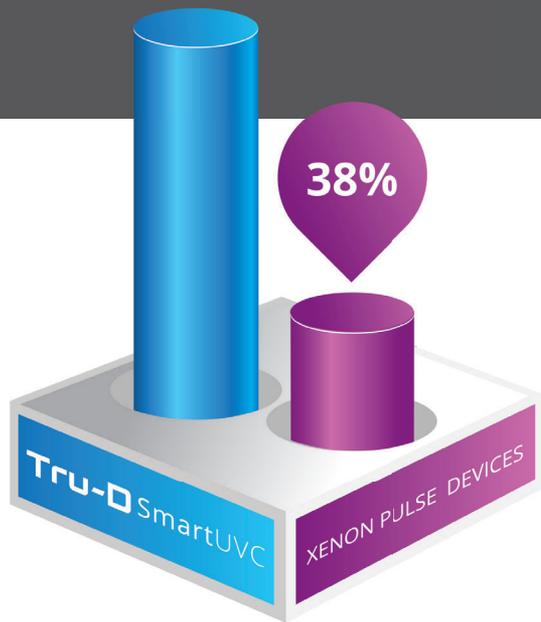
Ignaz Semmelweis (1818-1865) was a Hungarian physician who was appointed an assistant in obstetrics at the Allgemeines Krankenhaus in Vienna. He recognized that women delivered by midwife trainees were significantly less likely to die of puerperal fever than those delivered by physicians or medical students. 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.

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