Guidelines and Guidance

No new guidelines this month.

Journal articles

American Journal of Infection Control, July 2014, 42(7)

Major Articles

**Video observation to map hand contact and bacterial transmission in operating rooms**
John Rowlands, Mark P. Yeager, Michael Beach, Hetal M. Patel, et al.
698-701

**Evaluating and operationalizing an environmental auditing program: A pilot study**
Laura Gordon, Natalie Bruce, Kathryn N. Suh, Virginia Roth
702-707

**Impact of a mandated provincial hand hygiene program: Messages from the field**
Elizabeth Bryce, Saiful Islam, Becky Nelson, Bruce Gamage, et al.
708-712

**Impact of daily chlorhexidine baths and hand hygiene compliance on nosocomial infection rates in critically ill patients**
Michel Fernando Martínez-Reséndez, Elvira Garza-González, Soraya Mendoza-Olazaran, Alexis Herrera-Guerra, et al.
713-717

**Sequential hand hygiene promotion contributes to a reduced nosocomial bloodstream infection rate among very low-birth weight infants: An interrupted time series over a 10-year period**
718-722

**Sustained reduction of central line–associated bloodstream infections outside the intensive care unit with a multimodal intervention focusing on central line maintenance**
723-730
Outbreak of *Pseudomonas aeruginosa* and *Klebsiella pneumoniae* bloodstream infections at an outpatient chemotherapy center
Thomas E. Dobbs, Alice Y. Guh, Peggy Oakes, Mary Jan Vince, et al.
731-734

Quality improvement intervention reduces episodes of long-term acute care hospital central line–associated infections
Marti Edwards, Joanne Purpura, Guy Kochvar
735-738

Are strict isolation policies based on susceptibility testing actually effective in the prevention of the nosocomial spread of multi–drug-resistant gram-negative rods?
Norio Ohmagari, Hanako Kurai, Yuka Yamagishi, Hiroshige Mikamo
739-743

Nursing students' intentions to comply with standard precautions: An exploratory prospective cohort study
744-749

Barriers to standard precautions adherence in a dental school in Iran: A qualitative study
Hamidreza Hedayati, Brahmaputra Marjadi, Mehrdad Askarian
750-754

Differential environmental contamination with *Acinetobacter baumannii* based on the anatomic source of colonization
Rossana Rosa, Dennise Depascale, Timothy Cleary, Yovanit Fajardo-Aquino, et al.
755-757

Viral contamination of aerosol and surfaces through toilet use in health care and other settings
Marco Verani, Roberto Bigazzi, Annalaura Carducci
758-762

Trends in racial/ethnic disparities in influenza vaccination coverage among adults during the 2007-08 through 2011-12 seasons
763-769

Changes in the incidence of health care–associated pathogens at a university hospital from 2005 to 2011
770-775

Surveillance of patients identified with fungal mold at a public academic medical center
776-780

Hygienic conditions in child-care facilities in North Carolina and South Carolina: An integrated microbial and observational study
You Li, Lee-Ann Jaykus, Sheryl Cates, Kelly Wohlgenant, et al.
781-786

Health care–associated respiratory infection surveillance among Chinese children with cerebral palsy
Jiaoyang Chen, Bingxiang Ma, Huimin Yan
787-790

Adherence to and knowledge of best practices and occupational biohazards among manicurists/pedicurists
Juliana Ladeira Garbaccio, Adriana Cristina de Oliveira
Occurrence of extended spectrum β-lactamase-producing *Enterobacteriaceae* among pet dogs and cats: An emerging public health threat outside health care facilities
Khaled A. Abdel-Moein, Ahmed Samir
796-798

**Brief Reports**

**Assessing the thoroughness of hand hygiene: “Seeing is believing”**
799-801

*Clostridium difficile* in a children's hospital: Assessment of environmental contamination
Simone Warrack, Megan Duster, Sarah Van Hoof, Michelle Schmitz, et al.
802-804

Outbreak of carbapenemase-producing *Klebsiella pneumoniae* neurosurgical site infections associated with a contaminated shaving razor used for preoperative scalp shaving
Yuanyuan Dai, Chengfang Zhang, Xiaoling Ma, Wenjiao Chang, et al.
805-806

Bacterial contamination of medical devices in a Greek emergency department: Impact of physicians’ cleaning habits
Eleftheria Fafliora, Vasileios G. Bampalis, Nikolaos Lazarou, George Mantzouranis, et al.
807-809

Evaluation of patients’ skin, environmental surfaces, and urinary catheters as sources for transmission of urinary pathogens
Kathleen A. Linder, Michelle T. Hecker, Sirisha Kundrapu, Jennifer L. Cadnum, et al.
810-812

How Italian hospital Web sites communicate risk management strategies: The case of hospital-acquired infections
Maria Serena Gallone, Silvio Tafuri, Vincenza Paola Preziosa, Michele Quarto, et al.
813-814

**On-line Only Articles**

**Major Article**
Risk factors for development of methicillin-resistant *Staphylococcus aureus*-positive clinical culture in nasal carriers after decolonization treatment
Miriam Hernández-Porto, Beatriz Castro, María Jose Ramos, Angeles Arias, et al.
e75-e79

**Brief Report**
Baseline immunity to diphtheria and immunologic response after booster vaccination with reduced diphtheria and tetanus toxoid vaccine in Thai health care workers
e81-e83

**Journal of Hospital Infection, Volume 87, Issue 3, Pages 131-184, July 2014**

**Review**

Free-living amoebae: what part do they play in healthcare-associated infections?
E. Cateau, V. Delafont, Y. Hechard, M.H. Rodier
Pages 131-140
Original Articles

Outbreak of invasive group A streptococcus infection: contaminated patient curtains and cross-infection on an ear, nose and throat ward  
Pages 141-144  
N. Mahida, A. Beal, D. Trigg, N. Vaughan, T. Boswell

Outbreak among healthy newborns due to a new variant of USA300-related meticillin-resistant *Staphylococcus aureus*  
Pages 145-151  

Comparison of intensive-care-unit-acquired infections and their outcomes among patients over and under 80 years of age  
Pages 152-158  

Validity analysis of a unique infection surveillance system in the intensive care unit by analysis of a data warehouse built through a workflow-integrated software application  
Pages 159-164  

Catheter-related bloodstream infection: burden of disease in a tertiary hospital  
Pages 165-170  

Short Reports

Implications of targeted versus universal admission screening for meticillin-resistant *Staphylococcus aureus* carriage in a London hospital  
Pages 171-174  
J.A. Otter, Olga Tosas-Auguet, M.T. Herdman, B. Williams, D. Tucker, J.D. Edgeworth, G.L. French

Quantifying Glosair™ 400 efficacy for surface disinfection of American Type Culture Collection strains and micro-organisms recently isolated from intensive care unit patients  
Pages 175-178  
R. Herruzo, M.J. Vizcaíno, I. Herruzo

Tropical infection after a case of total hip arthroplasty  
Pages 179-181  

Letters to the Editor

epic3: guidelines for preventing infections associated with the use of intravascular access devices  
Pages 182  
T. Elliott, J.-F. Timsit

The epic3 recommendation that clinically indicated replacement of peripheral venous catheters is safe and cost-saving: how much would the NHS save?  
Pages 183-184  
H.W. Tuffaha, C.M. Rickard, S. Inwood, L. Gordon, P. Scuffham
Journal of Infection Prevention, July 2014; Vol. 15, No. 4

Editorial

Editorial: From evidence into practice
Neil Wigglesworth

Peer reviewed article

Point prevalence survey of urinary catheterisation in care homes and where they were inserted, 2012
CAM McNulty, NQ Verlander, K Turner, and C Fry

Implementing a ward accreditation programme to drive improvements in infection prevention
Graeme Jones, Julie Brooks, Tracy Garton, and Stephen Aplin

Physical space and its impact on waste management in the neonatal care setting
Andrew Nichols and Sean Manzi

Impact of a central venous line care bundle on rates of central line associated blood stream infection (CLABSI) in hospitalised children
Sara Melville and Stéphane Paulus

An observational study of hand hygiene adherence following the introduction of an education intervention
Jacqueline Randle, Antony Arthur, Natalie Vaughan, Heather Wharrad, and Richard Windle

Opinion/Comment

Outbreak column 14: Staphylococcus aureus - new outbreaks of old infections
Evonne T Curran

Journal Watch

Journal Watch
Neil Wigglesworth

Infection Control and Hospital Epidemiology, Vol. 35, No. 7, July 2014
Please note that articles from this journal can only be sourced from the British Library, at a cost of £8 per article.

SHEA/IDSA Practice Recommendations

Strategies to Prevent Central Line–Associated Bloodstream Infections in Acute Care Hospitals: 2014 Update
Jonas Marschall, MD; Leonard A. Mermel, DO, ScM; Mohamad Fakih, MD, MPH; et al.
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 753-771.

Strategies to Prevent Methicillin-Resistant Staphylococcus aureus Transmission and Infection in Acute Care Hospitals: 2014 Update
David P. Calfee, MD, MS; Cassandra D. Salgado, MD, MS; Aaron M. Milstone, MD; et al.
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 772-796.

Commentary: Approaches for Preventing Healthcare-Associated Infections: Go Long or Go Wide?
Edward Septimus, MD; Robert A. Weinstein, MD; Trish M. Perl, MD, MSc; et al.
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 797-801.

Original Articles
A National Intervention to Prevent the Spread of Carbapenem-Resistant Enterobacteriaceae in Israeli Post-Acute Care Hospitals
Debby Ben-David, MD; Samira Masarwa, RN, MA; Amos Adler, MD; et al. and the Post-Acute Care Hospital Carbapenem-Resistant Enterobacteriaceae Working Group
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 802-809.

Control of Simultaneous Outbreaks of Carbapenemase-Producing Enterobacteriaceae and Extensively Drug-Resistant Acinetobacter baumanii Infection in an Intensive Care Unit Using Interventions Promoted in the Centers for Disease Control and Prevention 2012 Carbapenemase-Resistant Enterobacteriaceae Toolkit
Kyle B. Enfield, MD, MS; Nujhat N. Huq, MBBS; Megan F. Gosseling, RN, MSN, CIC; et al.
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 810-817.

Evaluation of Vancomycin-Resistant Enterococci (VRE)–Associated Morbidity Following Relaxation of VRE Screening and Isolation Precautions in a Tertiary Care Hospital
Kristin Y. Popiel, MD; Mark A. Miller, MD, FRCPC
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 818-825.

Preventing Surgical Site Infections: A Randomized, Open-Label Trial of Nasal Mupirocin Ointment and Nasal Povidone-Iodine Solution
Michael Phillips, MD; Andrew Rosenberg, MD; Bo Shopsin, MD, PhD; et al.
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 826-832.

Pascale Trépanier, MD, FRCPC; Caroline Quach, MD, FRCPC; Milagros Gonzales, MSc; et al. and on behalf of the Quebec Healthcare-Associated Infections Surveillance Program Hemodialysis Group
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 833-838.

Outpatient Parenteral Antimicrobial Therapy Practices among Adult Infectious Disease Physicians
Michael A. Lane, MD; Jonas Marschall, MD; Susan E. Beekmann, MPH
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 839-844.

Cost-Effectiveness of Ensuring Hepatitis B Protection for Previously Vaccinated Healthcare Personnel
Thomas J. Hoerger, PhD; Christina Bradley, BS; Sarah F. Schillie, MD, MPH, MBA
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 845-854.

Commentary

Selection of the Ideal Disinfectant
William A. Rutala, PhD, MPH; David J. Weber, MD, MPH
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 855-865.

Concise Communications

Maintain the Gain: Program to Sustain Performance Improvement in Environmental Cleaning
Mark E. Rupp, MD; Theresa Fitzgerald, RN; Lee Sholtz, RN; Elizabeth Lyden, MS; Philip Carling, MD
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 866-868.
What Is the Best Method? Recovery of Methicillin-Resistant Staphylococcus aureus and Extended-
Spectrum $\beta$-Lactamase–Producing Escherichia coli from Inanimate Hospital Surfaces
Tânia Claro, PhD; Sandra Galvin, PhD; Orla Cahill, PhD
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 869-871.

A Comparison of Environmental Contamination by Patients Infected or Colonized with Methicillin-
Resistant Staphylococcus aureus or Vancomycin-Resistant Enterococci: A Multicenter Study
Lauren P. Knelson, MSPH; David A. Williams, RN, BSN, IP; Maria F. Gergen, MT(ASCP); et al. on behalf of the Centers for Disease Control and Prevention Epicenters Program
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 872-875.

Vancomycin-Resistant Enterococcus (VRE) Transmission and Risk Factors in Contacts of VRE Carriers
Reham Kaki, MD; Yang Yu, MD; Cindy O’Neill, MLT; et al. and Hamilton Health Sciences Infection Prevention and Control Team
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 876-879.

Variable Screening and Decolonization Protocols for Staphylococcus aureus Carriage Prior to Surgical Procedures
Susan Kline, MD, MPH; Maya Highness, MD, MSc; Loreen A. Herwaldt, MD; Trish M. Perl, MD, MSc
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 880-882.

Efficacy of a Washer-Disinfector in Eliminating Healthcare-Associated Pathogens from Surgical Instruments
William A. Rutala, PhD, MPH; Maria F. Gergen, MT (ASCP); David J. Weber, MD, MPH
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 883-885.

An Automated Algorithm to Preselect Patients to Be Assessed Individually in Point Prevalence Surveys for Hospital-Acquired Infections in Surgery
Roel H. R. A. Streefkerk, MD; Peter W. Moorman, MD, PhD; Gerard A. Parlevliet, MSc; et al.
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 886-887.

Evaluation of an Algorithm for Electronic Surveillance of Hospital-Acquired Infections Yielding Serial Weekly Point Prevalence Scores
Roel H. R. A. Streefkerk, MD; Gerard J. J. M. Borsboom, PhD; Conrad P. van der Hoeven, MSc; et al.
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 888-890.

Survey of Infection Prevention Informatics Use and Practitioner Satisfaction in US Hospitals
Max Masnick, BA; Daniel J. Morgan, MD, MS; Marc-Oliver Wright, MT (ASCP), MS, CIC; et al.; SHEA Research Network
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 891-893.

Effectiveness of Common Healthcare Disinfectants against H1N1 Influenza Virus on Reusable Elastomeric Respirators
Shobha S. Subhash, MS, MPH; Maria Cavaiuolo; Lewis J. Radonovich Jr, MD; et al.
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 894-897.

On-Site Availability of Legionella Testing in Acute Care Hospitals, United States
Laurel E. Garrison, MPH; Kristin M. S. Shaw, MPH; Jeffrey T. McCollum, DVM; et al.
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 898-900.
The Prediction of Complicated Clostridium difficile Infections in Children
Sarah Tschudin-Sutter, MD, MSc; Pranita D. Tamma, MD, MHS; Aaron M. Milstone, MD, MHS; et al.
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 901-903.

Research Brief

Pediatric Clostridium difficile Infection: 6-Year Active Surveillance in a Defined Patient Population
Nicole Le Saux, MD; Denise Gravel, BScN, MSc; Michael R. Mulvey, PhD; et al.
Infection Control and Hospital Epidemiology Vol. 35, No. 7: 904-906.

Other Journal Articles

The effectiveness of different concentrations of chlorhexidine for prevention of ventilator-associated pneumonia: a meta-analysis
Ting-Ting Zhang, Shan-Shan Tang and Li-Juan Fu

Instruments for evaluating compliance with infection control practices and factors that affect it: an integrative review
Marília Duarte Valim, Maria H Palucci Marziale, Miguel Richart-Martinez and Ángela Sanjuan-Quiles

Safdar, Nasia; O’Horo, John C.; Ghufran, Aiman; et al.
Critical Care Medicine: July 2014 - Volume 42 - Issue 7 - p 1703–1713

Fecal Microbiota Transplant for Treatment of Clostridium difficile Infection in Immunocompromised Patients
Colleen R Kelly, Chioma Ihunnah, Monika Fischer, et al.
Am J Gastroenterol 2014 109: 1065-1071
Abstract

Epidemiology and clinical management of Legionnaires’ disease.

Reappraisal of routine oral care with chlorhexidine gluconate for patients receiving mechanical ventilation: systematic review and meta-analysis.
Klompas M, Speck K, Howell MD, Greene LR, Berenholtz SM.

Effectiveness of triclosan-coated PDS Plus versus uncoated PDS II sutures for prevention of surgical site infection after abdominal wall closure: the randomised controlled PROUD trial
Markus K Diener, Phillip Knebel, Prof Meinhard Kieser, et al.
The Lancet, Volume 384, Issue 9938, Pages 142 - 152, 12 July 2014
http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(14)60238-5/fulltext
Efficacy, safety and patients' satisfaction with colonoscopic-administered fecal microbiota transplantation in relapsing and refractory community- and hospital-acquired Clostridium difficile infection.
Khan MA, Sofi AA, Ahmad U, et al.

Arterial catheters as a source of bloodstream infection: a systematic review and meta-analysis.
O'Horo JC, Maki DG, Krupp AE, Safdar N.

MRSA Action UK Newsletter/Annual Report

News

From Infection Prevention Society News:

15 July 2014 Health Foundation paper on integrating human factors with infection prevention and control

In 2013, IPS members wrote a Health Foundation paper on integrating human factors with infection prevention and control - the call to action is ongoing. Find out more here.

11 July 2014 Professor Tricia Hart makes the HSJ top 50 Inspirational Women 2014

Congratulations to IPS' Patron, Professor Tricia Hart who made the top 50 Inspirational Women 2014.

11 July 2014 Streams at Infection Prevention 2014

There will be up to five streams running each day catering for specific areas of interest. In order to promote the streams at conference, flyers have been developed. Please share and display these within your organisation. Thank you for your support.

23 May 2014 IPS provides summary of Infection Prevention Summit held in association with Patient Safety Congress

A summary of the tweets issued during this Summit held on 20 May has been prepared and issued by IPS.

23 May 2014 Norovirus in healthcare settings and beyond – a research workshop, London

This IDRN & PHE event is being held on 17 October 2014, Institute of Materials, central London. Norovirus is reportedly the most common enteric pathogen and a major cause of short-term illness in the UK. This workshop will focus on several key topic areas, including surveillance, perspectives from those in hospitals and care homes, norovirus in the community, and an update on vaccine development.

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