



## CURRICULUM VITAE

MAUREEN P. SPENCER, M.Ed., BSN, RN, CIC, FAPIC

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**Websites:**

[www.7sbundle.com](http://www.7sbundle.com)

[www.creativehandhygiene.com](http://www.creativehandhygiene.com)

[www.infectionpreventionistconsultants.com](http://www.infectionpreventionistconsultants.com)

### **Nursing License Registration**

1973-present Massachusetts Board of Registration in Nursing

### **Board Certification in Infection Control (CIC)**

June 1983 – APIC's First Certification Exam

Current CIC: December 2019-December 2024

### **Professional Education**

1989-1992	M.Ed.	Master of Education Health Promotion Program Bridgewater State University, Bridgewater, Mass.
1979-1981	B.S.N.	Bachelor of Science in Nursing Northeastern University Boston, Mass.
1970-1973	Nursing Diploma	Catherine Laboure School of Nursing Carney Hospital, Boston, MA

## **Infection Control Training/Certification - Harvard Medical School, Boston, Mass**

November, 1993 & 1995	Certificate	Nosocomial Infectious Diseases and Hospital Epidemiology
October, 1985	Certificate	Nosocomial Infectious Diseases and Hospital Epidemiology

## **Special Lectures and Honors**

September 5 2019	Paul Fremont-Smith Annual Lectureship – Medical and Orthopedic Grand Rounds, New England Baptist Hospital, Boston, MA
April 11 2019	Shirley Bradley Research Award, APIC New England Chapter
June 2017	Awarded the APIC Fellow designation FAPIC
June 2012	Selected as a “ <i>Who’s Who in Infection Control and Prevention</i> ” Infection Control Today
June 2007	Selected as one of the 2007 APIC Hero of Infection Prevention Award APIC Annual Conference, San Jose, Ca.
June 1990	Selected 1990 APIC “ <i>Carole DeMille Award</i> ” for excellence, vision and leadership in the practice of infection control. Award lecture presentation at the 1990 APIC Conference, Washington, DC

## **Scientific Advisory Boards**

2021-present	Zurex Pharma
2020-present	Viven Health
2020-present	Infection Reduction Partners
2017-present	Cdiff Foundation
2020	Synexis Biodefense
2012	Molnlycke

## **Speaker’s Bureaus**

2021-present	Stryker
2020-present	Eloquest
2018-present	Aerobiotix
2006-present	J&J Ethicon
2012-2019	Carefusion
2006-2016	Cepheid

## **Infection Preventionist Experience**

November 2020 – present	Commonwealth Medicine University of Mass Medical School Infection Prevention Consultant
January 2020 – present	CEO, Infection Preventionist Consultant Boston, MA
January 2017 – December 2019	Director, Clinical Education Accelerate Diagnostics 3950 S. Country Club Road Suite 470, 4th Floor Tucson, Arizona 85714

January 2011 – January 2017	Corporate Director, Infection Prevention Universal Health Services, Inc. 367 South Gulph Road King of Prussia, PA 19406
Aug, 2003-Dec 2010	Infection Control Manager New England Baptist Hospital 125 Parker Hill Avenue Boston, MA. 02120
Mar, 1996 – Aug, 2003	Legal Nurse Consultant in Infection Control Palm Beach Consultants, West Palm Beach, Fl. Weissman and Associates, Boston, Ma.
August 1985 - Mar, 1996	Director, Infection Control Unit Massachusetts General Hospital 55 Fruit Street - Clinics 131 Boston, Mass. 02114
July, 1978 - August, 1985	Nurse Epidemiologist in Infection Control Veterans Administration Medical Center West Roxbury, Mass.
Sep 1973 – August 1985	Infection Control Nurse Carney Hospital Dorchester, MA
June 1968 – May 1973	Microbiology Laboratory Technician (PT while in high school and nursing school) Boston City Hospital Boston, MA

### **Faculty Appointments**

August 2008 – April 2019	Lecturer – Community Nursing Program Simmons College – School of Nursing Boston, MA
Sept, 1994 - 2000	Assistant Professor MGH Institute for Health Professionals Graduate Nursing Program, Boston, Mass.
Sept, 1985 - 1994	Lecturer - Infection Control MGH Institute for Health Professionals Graduate Nursing Program, Boston, Mass.

### **Committees and Task Forces**

2012-2013	Health Trust Purchasing Group (HPG) – Infection Prevention Task Force
1992-1993	American Hospital Association - Technical Panel on Infections within Hospitals
1991	American Hospital Association - Task Force on Bloodborne Pathogen Standard
1992-1993	American Hospital Association - Expert Advisory Panel - JCAHO Standards
1991-1995	Biosafety Committee - Northeastern University, Boston, Mass.
	Advisory Committee on HIV Transmission through Medical Devices, Mass. D <sup>PH</sup>
1988-1989	AIDS Advisory Group -- Massachusetts Hospital Association

### **Professional Associations**

1974-present	Association for Professionals in Infection Control (APIC)
2017-present	Infectious Disease Society of America (IDSA)
2012-present	Association for Peri-Operative Registered Nurses (AORN)
2015-present	Society of Healthcare Epidemiologists of America (SHEA)
2004-present	Coordinator, Boston Local Group of Infection Preventionists
2015-2019	American Association of Medical Instrumentation (AAMI)
2017-2019	Infection Prevention Association of Canada (IPAC)

2017-2019	American Association of Critical Care Nurses (AACN)
2017-2019	American Society of Microbiology (ASM)
2007-2010	APIC Education Committee – Products Review Team
2007-2010	APIC Surgical Site Infections - National Seminar Speaker
2007-2010	Communications Director, APIC New England Chapter
2006-2007	Governmental Affairs Director – APIC New England Chapter
2005	Member, APIC Product Team
1992	Member, APIC Guidelines Committee
1989-1990	Member, APIC Education Committee
1989-1990	Chairman, Task Force on Education Curricula in Infection Control
1988	Member, Membership Committee - APIC New England (NE)
1987	Member, Advisory Board - APIC NE
1985-1988	Coordinator, Boston Local Group of Infection Control Practitioners
1985	Chairman, Advisory Council - APIC NE
1981-1984	Member, Task Analysis Study: Certification Board for Infection Control
1975-1981	Member, Certification Committee - APIC National
1981	President, APIC - New England Chapter

## **Publications**

- Morikane, K. Russo L, Lee K, Chakravarthy M, Ling M, Saguil E, Spencer M, et al. Expert commentary on the challenges and opportunities for surgical site infection prevention through implementation of evidence-based guidelines in the Asia–Pacific Region. *Antimicrobial Resistance and Infection Control*. April 2021.
- Leaper D, Chantal H, Spencer M, et al. Assessment of the Risk and Economic Burden of Surgical Site Infection Following Colorectal Surgery Using a US Longitudinal Database: Is There a Role for Innovative Antimicrobial Wound Closure Technology to Reduce the Risk of Infection? *Diseases of Colon and Rectum Journal*, Oct 2020.
- Hollenbeak CS, Spencer M, Schilling AL et al. Reimbursement Penalties and 30-Day Readmissions Following Total Joint Arthroplasty. *Journ Bone Joint Surg*. Jul 2020
- Edmiston C, Lavin P, Spencer, M. et al. Antiseptic efficacy of an innovative perioperative surgical skin preparation: A confirmatory FDA phase 3 analysis. *ICHE* March 2020.
- Spencer M. How Clean Is Your OR Air? *Outpatient Surgery* October 2019.
- Barnes S, Spencer M. A Review of the Rationale and Evidence in Support of Strategic Universal Nasal Decolonization as an Emerging Standard of Care. *American Journal of Medical Quality*. 2019
- Spencer M. Practical benefits and clinical Effectiveness of using mobile laminar air products and air purification device. *Outpatient Surgery*. October 2019
- Spencer M, Kelly LA. Cleaning Up the Mess: Could a New Type of Patient Bath Basin Turn the Tide of HAIs? *Infection Control Today*. October 2019
- Edmiston C, Spencer M, et al. Assessment of a novel antimicrobial surface disinfectant on inert surfaces in the intensive care unit environment using ATP-bioluminescence assay. *AJIC* Oct 2019
- Murrell J, Hamilton E, Johnson H, Spencer M. Influence of a visible-light continuous environmental disinfection System on microbial contamination and surgical site infections in an orthopedic operating room. *AJIC* Jan 2019
- Spencer, M. 6 Ways to Stamp Out Superbugs. *Outpatient Surgery*. Dec 2018
- Edmiston C, Spencer, M, Leaper D. Antiseptic Irrigation as an Effective Interventional Strategy for Reducing the Risk of Surgical Site Infections. *Surgical Infections* Nov 2018
- Nassof R, Spencer M, Wayre K. Developing the Case for Implementation of of Operating Room Air Decontamination Technology for Orthopedic Surgery. *Infection Control Today*. September 2018
- Spencer M, Perioperative hair removal: A review of best practice and a practice improvement opportunity. *Journal of Perioperative Practice*, April 2018
- Spencer M, Air disinfection in an inpatient pharmacy using a shielded ultraviolet C system: a tertiary care hospital's success story. *Healthcare Facilities Today*, April 201
- Spencer M, et al. A model for choosing an automated ultraviolet-C disinfection system and building a case for the C- Suite: Two case reports. *AJIC* 2017
- Spencer M, et al. Treating Hospital Air: A Corporate Infection Prevention Director's Answer to the Problem of Air Contamination. *Infection Control Today* 2017
- Edmiston C, Leaper D, Spencer M, et al. Considering a new domain for antimicrobial stewardship: Topical Antibiotics in the Open Surgical Wound *AJIC* 2017
- Spencer M. Overview of Recent Issues and Advances in Infection Prevention *AORN Journal* Dec 2016

- Edmiston C, McComack R, Sinski S, Spencer M, Lee C. Hair Removal in the Era of the Surgical Care Improvement Project: Can Innovative Technology Allow for Effective Hair Removal in the Operating Room? AORN 2016
- Humphreys H, Becker K, Dohmen P, Petrosillo N, Spencer M et al. Staphylococcus aureus and surgical site Infections benefits of screening and decolonization before surgery. Journal of Hospital Infection 2016
- Spencer M, et al. A model for choosing an automated ultraviolet-C disinfection system and building a case for the C-suite: Two case reports. AJIC Dec 2016
- Edmiston C, Ledebner N, Buchan B, Spencer M, Seabrook G, Leaper D: Is Staphylococcal Screening and Suppression an Effective Interventional Strategy for Reduction of Surgical Site Infection? Surgical Infections. Volume 17, Number 2, 2016
- Edmiston C, Cheong L, Spencer M, et al. Evidence for the Preadmission Shower in a Perioperative Surgical Care Bundle: A Standardized Strategy for Achieving Maximal Skin Surface Concentrations of Chlorhexidine Gluconate (CHG). JAMA Surgery, 2015.
- Edmiston C, Ledebner N, Spencer M, et al. Is Active Staphylococcal Surveillance an Effective Interventional Strategy for Preempting the Risk of Surgical Site Infection?
- Barnes S, Spencer M. Reliable Design of Infection Prevention Programs. Infection Control Today, September 2015
- Edmiston C, Lee C, Spencer M, et al. Evidence for the Preadmission Shower in a Perioperative Surgical Care Bundle: A Standardized Strategy for Achieving Maximal Skin Surface Concentrations of Chlorhexidine Gluconate (CHG). JAMA Surgery. August 2015
- Lewis B, Spencer M, Edmiston C et al. Assessment of an innovative antimicrobial surface disinfectant in the operating room environment using adenosine triphosphate bioluminescence assay. American Journal of Infection Control 43 (2015) 283-5
- Mitchell A, Spencer M, Edmiston C. Role of healthcare apparel and other healthcare textiles in the transmission of pathogens: a review of the literature. Journal of Hospital Infection (2015)
- Spencer M, Edmiston C. The Role of the OR Environment in Preventing Surgical Site Infections. AORN Journal December 2014
- Edmiston C, Spencer M. Endoscope Reprocessing in 2014: Why Is the Margin of Safety So Small? AORN Journal. December 2014.
- Edmiston C, Spencer M. Key Issues in Infection Prevention: An Overview. AORN Journal, Dec 2014
- Edmiston C, Spencer M. Patient Care Interventions to Help Reduce the Risk of Surgical Site Infections. AORN Journal December 2014
- Edmiston C, Spencer M. Going Forward: Preventing Surgical Site Infections in 2015. AORN Journal. Dec 2014
- Barnes S, Spencer M, et al: Surgical Irrigation. American Journal of Infection Control. May 2014
- Edmiston C, Krepel C, Edmiston S, Spencer M, et al. Empowering Surgical Patient: A Randomized Prospective Analysis of an Innovative Strategy for Improving Patient Compliance to the Preadmission Showering Protocol Journal of American College Surgeons, Jan 2014
- Edmiston C, Ledebner N, Buchan C, Spencer M, et al: Is Active Staphylococcal Surveillance an Effective Interventional Strategy for Preempting the Risk of Surgical Site Infection? Surgical Infections, in press.
- Edmiston C, Spencer M, Lewis B, Kellie R, et al: Reducing the Risk of Surgical Site Infections: Did We Really Think SCIP Was Going to Lead Us to the Promised Land? Surgical Infections, August 2011
- Kim D, Spencer M, et al: Institutional Prescreening for Identification and Eradication of MRSA in Patients Undergoing Elective Orthopaedic Surgery. Journal of Bone and Joint Surgery. August 2010.
- Gulczynski D, Spencer M: Stop SSI in Their Tracks. Operating Nurse, March 2010
- Spencer M. Fighting Infections. AORN Connection March 2010
- Spencer M. Bundling Designed to Push Infections into the Cold. Healthcare Purchasing News Online Jan 2010
- Spencer M. How to Sell Hand Hygiene. Outpatient Surgery, September 2008
- Spencer M. What Lies Beneath? Outpatient Surgery, September 2008
- Spencer M – Contributing Author – Infection Control Handbook, Joint Commission and APIC 2006
- Spencer M. Working Toward Zero Infections AORN Connection, October 2005
- Spencer M: Update on HIV Exposure in Health Care Workers. Clinical Laboratory Newsletter. Vol.14, No. 5, 1992.
- Spencer M: Education Curricula in Infection Control Task Force Report - 1990. APIC News, Vol.9, No. 4, 1990.
- Spencer M: Report of the Infection Control Curriculum Task Force - APIC Education Committee. American Journal of Infection Control, Vol.18, No.1, 1990.
- Spencer M. Protecting Yourself During Patient Care. The Chronicle, Nov/Dec, 1987.
- Josa M, Khuri S, Braunwald NS, VanCisin M, Spencer M, Evans D, Barsamian E: Delayed sternal method: An improved method of dealing with complications following cardiopulmonary bypass. The Journal of Thoracic and Cardiovascular Surgery, 91:4, 598-603 1986

### **Oral Abstracts and Poster Presentations**

- 08/21 Spencer M, Edmiston C. Antiseptic efficacy of an innovative perioperative surgical skin preparation: A confirmatory FDA phase 3 analysis. AORN Conference 2021 – Orlando, FL

- 12/20 Spencer M, Chopra T, Caralla N, et al. Engaging Middle School Children in the C Diff Foundation's Junior Infection Fighters Program. APIC Virtual Conference Poster presentation. December 2020.
- 05/19 Spencer M, Sutton J, et al. Making the Business Case for a Fast Diagnostic Platform for Bloodstream Infections with a Clinical Implementation Support Team. IPAC Montreal Canada, May 28 2019
- 11/18 Spencer M. Using Implementation Science for Fast Phenotypic Diagnostic for Bloodstream Infections and Antimicrobial Stewardship. Bacteriology and Infectious Diseases Conf. ePub poster Amsterdam, Holland
- 09/18 Spencer M. Implementation Science for Fast Diagnostics for Bloodstream Infections and the Role in Antimicrobial Stewardship Programs. LabRoots Virtual Conference Sept 11 2018
- 07/18 Spencer M. et al. Using Implementation Science for Fast Phenotypic Diagnostic for Bloodstream Infections and Antimicrobial Stewardship. American Hospital Association Conference. San Diego, CA
- 05/18 Spencer M, Eren S. Utilizing Quality Tools with Key Stakeholders to Make the Business Case for a Fast Blood Culture Diagnostics Platform with ID and Antibiotic Sensitivities with MICs in 7hours. IPAC, Banff, Alberta, Canada
- 05/18 Spencer M, Eren S. Utilizing Quality Tools with Key Stakeholders to Make the Business Case for a Fast Blood Culture Diagnostics Platform with ID and Antibiotic Sensitivities with MICs in 7hours. AMMI, Vancouver, BC May 3, 2018
- 12/17 Spencer M. Utilizing Mind-Mapping Technique to Describe an Antimicrobial Stewardship Program for Clinical Implementation of a 7hour Rapid Antibiotic Sensitivity System. American Society of Hospital Pharmacist, Orlando. Florida
- 04/17 Spencer M, et al. Reduction in Colon Surgical Site Infections using CHG Irrigant Solution. AORN Congress, April 1-5 2017
- 04/16 Spencer M, et. A Wound Closure Point Prevalence Observational Study for the Prevention of Post-op Surgical Site Infections. AORN Conference. Anaheim, CA
- 03/14 Empowering the Surgical Patient: A Randomized Prospective Analysis of An Innovative Strategy for Improving Patient Compliance to the Preadmission Showering Protocol. APIC National Conference, Chicago, Il
- 03/14 Assessment of an Innovative Antimicrobial with Surface Disinfectant in the Operating Room Using ATP-BioLuminescence Assay. APIC National Conference, Chicago, Il
- 03/14 Establishing a Culture of Safety: Using a 7 S Bundle Approach for the Prevention of SSIs. Maureen Spencer, RN, M.Ed, and Patricia Tyrell, RN, BSN. AORN Conference. Chicago, Ill
- 06/13 The Role of the Corporate Infection Preventionist Consultant in a Multi-Hospital System, Fort Lauderdale, APIC 2013, Fort Lauderdale, FL APIC National Conference. San Antonio, Tx
- 03/12 The Road to Success with 3<sup>rd</sup> Party Processing. Maureen Spencer and Patricia Tyrrell. AORN, New Orleans, Louisiana.
- 02/12 Effectiveness of 0.05% Chlorhexidine Gluconate (CHG) Against Selective Multidrug Resistant (MDR) Surgical Pathogens: An *In-vitro* and *In-vivo* Analysis Charles E. Edmiston, Jr., PhD, Linda K. Hansen, PhD, Candace J. Krepel, MS, Maureen P. Spencer, M.Ed, Brian D. Lewis, MD, Peter J. Rossi, MD, K Kellie R. Brown, MD and Gary R. Seabrook, MD, American College of Surgeons,
- 05/10 The Use of Antimicrobial Gauze Dressing After Orthopedic Surgery Reduced Surgical Site Infections. Maureen Spencer, RN, M.Ed., Sharon Higgins, RN, BSN, Mary Sullivan-Smith, RN, MS, Rebecca Schneiderman, PA, Susan Davidson, MD, John Richmond, MD. NAON, Seattle
- 05/10 Reducing the Risk of Orthopaedic Infections: The Role of Innovative Suture Technology" Maureen Spencer, RN, M.Ed., Geoffrey Van Flandern, MD, Wolfgang Fitz, M.D., Susan Davidson, M.D., Diane Gulczynski, RN, MS, CNOR, John Richmond, M.D., Li Ling, MSC NAON, Seattle
- 03/10 Eradication of Methicillin Resistant Staphylococcus aureus Before Orthopedic Surgery. Maureen Spencer, RN, M.Ed.,CIC, Diane Gulczynski, RN,MS,CNOR, Susan Davidson, MD, David Kim, MD, Geoffrey VanFlandern, MD, Daniel Ward, MD, John Richmond, MD, Claire Robbins, PT, DPT, MS, GCS. Amer Assn Orth Surg (AAOS). March 16, 2010 New Orleans, LA 2010
- 03/09 Local Administration of Corticosteroids Following Lumbar Spine Surgery Increases Risk of Surgical Site Infection. Maureen Spencer, RN, David J. Hunter, M.D., Jennifer Green, M.D., David Kim, M.D., Stephen Parazin, M.D., Ling Li, MSc, Pamela DeJoie Poster: SHEA 9<sup>th</sup> Scientific Meeting, San Diego, CA
- 03/09 Non-disposable Blood Pressure Cuffs as a Potential Source for Cross Contamination. M Spencer, Poster: SHEA 19<sup>th</sup> Scientific Meeting. San Diego, CA
- 04/08 Implementation of a Methicillin Sensitive Staphylococcus aureus and Methicillin Resistant Staphylococcus aureus Eradication Program in an Orthopedic Specialty Hospital. M Spencer, et al SHEA Conference – poster presentation Orlando, FL 2008
- 06/08 An Online Communication System for Local Infection Control Practitioners Maureen Spencer, RN, M, Cathy Korn, RN, MPH, Tricia Lemon, RN, MPH.. APIC Annual Conference, Poster Presentation 2008
- 06/07 Implementation of a Methicillin Sensitive Staphylococcus aureus and Methicillin Resistant Staphylococcus aureus Eradication Program in an Orthopedic Specialty Hospital. M Spencer, et al. \ APIC 2007 Conference – oral presentation San Jose, CA/07 Microbiologic Evaluation of a Silver

Antimicrobial Disinfectant Spray. M Spencer, et al. APIC 2007 Conference – poster presentation –San Jose, CA 2007

- 06/07 Reduction in Possible Healthcare-Acquired Clostridium difficile infections After Implementing Control Measures M Spencer, et al. APIC 2007 Conference – oral presentation, San Jose, CA
- 06/07 Ideas for Six Creative Hand Hygiene Programs M Spencer, et al. APIC 2007 Conference – poster presentation – San Jose, CA 2007
- 05/06 The Bug Beat Fair: An Innovative Infection Control Educational Campaign in An Orthopedic Specialty Hospital M Spencer, et al. NAON Annual Educational Conference, Boston, Ma.2006
- 05/06 The Use of A Silver Gauze Dressing in Spine Surgery to Reduce The Incidence of MRSA Surgical Site Infections. NAON Educational Conference, Boston, Ma.2006
- 03/06 A Multidisciplinary Team Working Toward Zero Infection Rate. AORN Annual Convention, Washington DC 2006
- 06/05 Surgical Site Surveillance in Orthopedic Surgery Using NNIS Thresholds and Standardized Infection Ratio as a Benchmarking Tool. APIC Annual Conference, Baltimore, Md. Poster Presentation 2005
- 06/05 The E=MC2 Project: Environment = Maintaining Cleanliness, A Multidisciplinary Approach to Establish a Routine Cleaning Schedule for Medical Equipment APIC Annual Conference, Baltimore, Md. Poster Presentation 2005
- 06/05 "Don't Catch the Flu Bear Blues" Educational Campaign to Increase Hand Hygiene Awareness During the Flu Vaccine Shortage in an Orthopedic Specialty Hospital. APIC Annual Conference, Baltimore 2005
- 06/04 Creative Hand Hygiene Campaign in an Orthopedic Specialty Hospital. APIC Conference, Phoenix,
- 06/95 Open versus Closed Wound Suction Devices and Risk of Aerosolization. Poster Presentation. APIC Annual Conference, Las Vegas, Nevada. 1995
- 06/95 Raine C, Viola J, Nardini J, Spencer M. New Procedures for Cleaning and Disinfection of Dialysis Machines. APIC Annual Conference, Las Vegas, Nevada. 1995 Oral presentation
- 02/95 Spencer M. Management of Delayed and Immediate Hypersensitivity Reactions in Health Care Workers with Routine Exposure to Latex Gloves. Poster Presentation. Dermatology Nurses Association. New Orleans, Louisiana. 1995
- 05/94 Averbach C, Spencer M, et al. Implementation of an Algorithm for Isolation of Hospitalized Patients with Suspect Tuberculosis. 21st Annual Educational Conference - APIC Cincinnati
- 05/94 Spencer M, et al. A Health and Safety Multi-media Educational Resource Kit to Deliver Annual Required Training to Health Care Workers. 21st Annual Educational Conference - APIC, Cincinnati
- 05/94 Spencer M, et al. Needle Protection Devices (NPD): Potential Risk of Surface Contamination During Activation. 21st Annual Educational Conference - APIC, Cincinnati, 1994, poster presentation
- 03/94 Tierney M, Spencer M, et al. Efficacy of Needlestick Reduction Devices at a Large Teaching Hospital. Society SHEA Annual Conference, Oral presentation
- 05/93 Spencer M, et al. The Effect of Education and Surgeon-Specific Feedback on Compliance with the Use of Protective Materials by Orthopaedic Surgeons and Surgical Team Members. APIC, Orlando, Florida
- 05/93 Spencer M, et al. Validity Testing of Revised Definitions of Ventilator-Related Pneumonia and Surgical Wound Infection.- APIC, Orlando, Florida, 1993 Poster
- 06/92 Spencer M, et al. Validity Testing of Generic Quality Screens for Nosocomial Infection (NI) Surveillance. APIC, San Francisco, California 1992 - Oral Presentation.
- 06/92 Atamian S, Spencer M, et al. A Combined Epidemiologic and Quality Improvement (QI) Approach to Reducing Clostridium difficile Clusters in a Large Teaching Hospital. APIC, San Francisco, CA Poster
- 05/91 Spencer M, et al. The Use of a Multi-media Kit for Mandatory Training in Infection Control in a Large Teaching APIC Nashville, Tennessee 1991 - Oral presentation.
- 05/91 Spencer M, et al. Primary Bloodstream Infection with Gram Negative Rods Due to a Contaminated Manometer Coil Used for Transducer Calibration. APIC, Nashville, Tennessee 1991 - Oral presentation.
- 05/91 Vallande N, Capanno S, Spencer M, Hopkins C: Intra-aortic Balloon Pump Transducer Study: 48 Hours vs 72 Hours Transducer Change Comparison in Post-operative Cardiac Surgical Patients APIC, Nashville, Tennessee 1991 - Poster presentation.
- 05/91 Knaub B, Atamian S, Vallande N, Spencer M, Hopkins C: Evaluation of Universal Precautions on the Incidence of MRSA, Clostridium Difficile and RSV in a Large Teaching Hospital. APIC, Nashville, Tennessee 1991 - Poster presentation.
- 05/91 Knaub B, Vallande N, Atamian S, Spencer M, Hopkins C: Leuconostoc Bacteremias: A Description of a Cluster and Attempt to Isolate the Source. APIC, Nashville, Tennessee 1991 - Oral presentation.
- 05/89 Spencer M, et al. Implementation of a Hospital-Wide Program on Universal Precautions Utilizing a Process Model of Compliance Intervention. APIC Infection Control, Reno, Nevada. 1989 Abstract -Oral
- 05/89 Spencer M, et al. Unit-based Infection Control: An Integrative Approach with Staff Nurses in a Large Teaching Hospital. APIC, Reno, Nevada, 1989. Poster

## **Infection Prevention Related Chapters**

- Spencer M, Graves P, Schule R: Chapter 27- The Perioperative Suite. Hospital Infection Control. William Jarvis, MD Editor. In press 2021
- Edmiston C, Leaper D, Spencer M, et al; Chapter 36 - Surgical Site Infections: Epidemiology, Pathogenesis and Mitigation. Hospital Infection Control. William Jarvis, MD, Editor. In press 2021
- Tempesta, S., Spencer, M: Nursing Implications for Hysteroscopy in an Outpatient Setting. Office Hysteroscopy. Mosby Publishers, 1996.
- Spencer M: Surgical Site Infections. in Gruendemann B.J. and Fernsebner, B. Comprehensive Perioperative Nursing. Jones and Bartlett Publishers, Boston, 1995.
- Spencer M, and Bird G: Non-Intravascular Devices and Infection Risks. *Critical Care Clinics of North America* - Mosby Publishers, December, 1995.
- Martin, M and Reichelderfer, Spencer M. APIC Guideline for Infection Prevention in Flexible Endoscopy. AJIC, February, 1994. (Spencer M - member of 1992 APIC Guidelines Endoscopy Review)

## **International Teaching/Lectures**

06/09/09	Working Towards Zero Surgical Site Infection. ORNAC Conference, St John's, Canada
01/17/10	Prevention and Control of Surgical Site Infections with Innovative Technologies. Toronto, Canada
04/10/10	Working Towards Zero Surgical SSIs. Latin America Symposium on SSIs. Buenos Aires, Argentina
05/19/10	Working Towards Zero Surgical Site Infection. Winnepeg, Canada
06/07/11	Working Towards Zero Surgical Site Infection. SSI Society Conference, Istanbul, Turkey
08/28/12	Prevention of Surgical Site Infections. Siloam Hospital, Jakarta, Indonesia
08/28/12	Care of the Surgical Patients to Prevent SSIs – Nursing Grand Rounds Univ Hosp Kuala Lumpur
08/30//12	Working Towards Zero Surgical Site Infection. PPUKM (Surgical Department), Kuala Lumpur
09/01/12	Care of the Surgical Patients to Prevent SSIs ASIORNA Conference Bangkok, Thailand
06/03/13	Care of the Surgical Patients to Prevent SSIs – Nursing Grand Rounds. Seda Centrio Hospital, Cagayan, Philippines
06/01/13	Care of the Surgical Patients to Prevent SSIs – Nursing Grand Rounds. Medical City Hospital. Manila, Philippines
06/21/12	MRSA Prescreening and Elimination: New England Baptist Hospital Experience. Europe and Middle East Symposium. Paris, France
05/31/13	Care of the Surgical Patients – Nursing Grand Rounds. Peninsula Hotel, Philippines
05/03/13	Prevention of Surgical Site Infections. Siloam Hospital, Jakarta, Indonesia
05/30/13	Prevention of Surgical Site Infections. Hermina Hospital Group. Jakarta, Indonesia
05/29/13	Care of the Surgical Patients – Nursing Grand Rounds. Singapore General Hospital
05/29/13	Prevention of Surgical Site Infections. Tan Tock Seng Hospital, Grand Rounds. Singapore
05/28/13	Prevention of Surgical Site Infections. HUKM. Kuala Lumpur, Malaysia
01/10/14	ASEAN SSI E-Mentorship Program: Indonesia, Malaysia, Singapore
02/12/14	Working Towards Zero Surgical Site Infection in Pediatric Surgery. BC Children's Medical Center, Vancouver, Canada
03/05/15	MRSA Prescreening and Elimination: New England Baptist Hospital Experience. 1st European S. aureus & Surgical Site Infection Round Table. Vienna, Austria
07/04/16	Establishing a Culture of Safety: 7 S Bundle to Work Towards Zero SSIs. Raffles Hosp. Singapore
07/03/16	Care of the Surgical Patients – Nursing Grand Rounds. Institute Jantung Negara, Kuala Lumpur
07/02/16	Care of the Surgical Patients – Nursing Grand Rounds. Mercure Hotel. Da Nang, Vietnam
03/04/17	Prevention of Surgical Site Infections. SingHealth Nursing Conference. Singapore
07/02/17	Prevention of Surgical Site Infections. Nursing Conference. Taipei, Taiwan
10/18/18	Surgical Stewardship and Bundles for SSI Prevention. Asia (Malaysia, Indonesia, Singapore)
04/29/19	Surgical Stewardship: The Perioperative Nurse's Role in Preventing Surgical Site Infections. Operating Room Nurses Association of Canada. Halifax, Canada
07/29/19	Evidence-based Prevention of Surgical Site Infections: Introduction to the Joint Commission International SSI Prevention Toolkit. Global Surgical Conference, Singapore
07/29/19	Current Methods for Surveillance of SSIs. Asia Pacific Masters SSI Prevention Symposium Singapore
07/28/19	The Latest Practices in Surgical Site Prevention. Asia Pacific Masters SSI Prevention Symposium. Singapore
06/17/20	Prevention of SSIs in C Sections. Webinar for New Zealand and Australia Obstetricians – webinar
06/23/20	Surgical Stewardship: The Perioperative Nurse's Role in Preventing SSIs. ACORN Conference. Sydney, Australia - webinar
08/26/20	Surgical Stewardship for Prevention of SSIs. SSI Symposium, China – webinar
05/29/21	The Perioperative Nurse's Role in SSI Prevention. EORNA. Netherland - Virtual Conference



## Recent Lectures/Symposiums

### 2021

- 10/21/21 Air Quality: The Prevention Imperative. OR Manager Conference. Chicago  
10/13/21 Everything You Want to Know About COVID Vaccine. Mass Correctional Officers. webinar  
09/14/21 Air Quality: The Prevention Imperative. AORN Chapter, Central Valley, California.  
09/08/21 Air Quality: The Prevention Imperative. APIC Florida Infection Control Chapter. Tampa, Fl.  
08/09/21 Temperature-controlled Air Flow Technology for the Operating Room: Opportunity for Reduction in Surgical Site Infection. AORN Conference. Orlando, Fl  
06/17/21 Best Practices in Infection Prevention for Domestic and Sexual Abuse Programs, MA-DPH  
05/15/21 Surgical Stewardship for Prevention of SSIs. OSCPN. Oregon, CA - Virtual Conference  
05/13/21 Fighting Cross Contamination with PPE and Surgical Helmet System. Webinar. Stryker  
05/12/21 Surgical Stewardship for Prevention of SSIs. APIC San Diego Chapter - Virtual Conference  
04/09/21 Air Quality: The Prevention Imperative. Webinar recording. Aerobiotix  
03/30//21 Best Practices in Infection Control Management of SARS-CoV-2. Mass Assn Residential Care Homes. Webinar  
03/24/21 Surgical Stewardship for Prevention of SSIs. Rochester General Hospital. Webinar  
03/05/21 Air Quality: The Prevention Imperative. APIC Florida. Webinar  
02/25/21 Air Transmission of COVID-19. Mass Assisted Living Association, Webinar  
02/18/21 Surgical Stewardship for Prevention of SSIs. Suburban Medical Center, Bethesda, MD - webinar  
02/15/21 Surgical Stewardship for Prevention of SSIs. Dallas Children's Medical Center - webinar  
01/28/21 Leadership in Needlestick Injury (NSI) Prevention for COVID-19 Vaccine Delivery and Beyond, Webinar, Cardinal Health  
01/27/21 Surgical Stewardship for Prevention of SSIs. Ojai Valley Medical Hospital, Ojai, CA  
01/26/21 Applying Infection Control Basics in Congregate Care Settings. Executive Office of Human Health and Services, Recorded Webinar  
01/22/21 Surgical Stewardship for Prevention of SSIs. Tennessee Valley HC System, Nashville - webinar  
01/20/21 Surgical Stewardship for Prevention of SSIs. AACN Three Rivers Chapter - webinar  
01/06/21 Surgical Stewardship for Prevention of SSIs. Waterloo Medical Center, IP Department – webinar

### 2020

- 12/18/2020 Surgical Stewardship for Prevention of SSIs. APIC Washington Chapter - webinar  
12/11/2020 Engaging Middle School Children in the C Diff Foundation's Junior Infection Fighters Program. APIC Annual Virtual Conference, Poster Presentation – webinar  
11/20/2020 Surgical Stewardship for Prevention of SSIs. AORN Florida Chapter - webinar  
11/16/2020 Surgical Stewardship for Prevention of SSIs. AORN Reno Chapter - webinar  
11/14/2020 Engaging Middle School Children in the C Diff Foundation's Junior Infection Fighters Program. C Difficile Virtual Conference - webinar  
11/14/2020 Surgical Stewardship for Prevention of SSIs. APIC South Florida Chapter - webinar  
11/12/2020 Surgical Stewardship for Prevention of SSIs. Suburban Hospital, Bethesda, MD - webinar  
11/10/2020 Surgical Implant Infection: The Prevention Imperative. Webinar recording ,Aerobiotix  
11/3/2020 Surgical Stewardship for Prevention of SSIs. APIC Inland Empire Chapter - webinar  
10/15/2020 Surgical Stewardship for Prevention of SSIs. ACORN (Australia) Virtual Conference  
10/7/2020 Surgical Stewardship for Prevention of SSIs. AORN San Francisco Chapter - webinar  
09/25/2020 Surgical Stewardship for Prevention of SSIs. The Orthopedic Hospital, Fort Wayne, IN - webinar  
09/18/2020 Surgical Stewardship for Prevention of SSIs. APIC Chapter, Portland Maine - webinar  
09/17/2020 Surveillance for COVID-19 Cases. Webinar Recording, Metrex  
09/10/2020 Surgical Stewardship for Prevention of SSIs. Wound Closure Academy, Ethicon - webinar  
09/03/2020 Surgical Implant Infection: The Prevention Imperative. Webinar recording ,Aerobiotix  
08/19/2020 COVID-19 and Laboratory Services. Recorded webinar, Ansell, Inc.  
05/29/2020 Application of Technology During the Current COVID-19 Pandemic. Webinar, Siemens  
04/24/2020 SSIs from a Patient's Perspective. Panel Discussion. Ethicon, NJ - webinar  
03/18/2020 Corona Virus 2019 (COVID-19), Recorded webinar, Premier  
03/22/2020 Corona Virus 2019 (COVID-19), Healthy Living Guide - Webinar  
03/14/2020 Corona Virus 2019 (COVID-19), Old Bridge Villages Community, Fort Myers, Florida  
01/28/2020 Surgical Implant Infection: The Prevention Imperative. Hospital and Healthcare System of PA.  
01/17/2020 Fast Diagnostics for BSIs and Sepsis Care. APIC Fresno Chapter, Fresno. CA

### 2019

- 11/19/19 The Latest Practices in Surgical Site Prevention. OR Nurse Executive Leaders Conf, Cincinnati  
11/15/19 Fast Diagnostics for BSIs and Sepsis Care. APIC Southern Nevada, Las Vegas, NV  
11/14/19 The Latest Practices in Surgical Site Prevention. Hoag Orthopedic Institute, Irvine, CA  
11/12/19 Fast Diagnostics for BSIs and Sepsis Care. APIC Orange County, CA  
11/8/19 Fast Diagnostics for BSIs and Sepsis Care. APIC Smoky Mountain, Pigeon Ford, TN

11/6/19 Sepsis and Antibiotic Side Effects. Clostridiodes Difficile Foundation Conference, St Louis, MO  
 10/16/19 The Latest Practices in Surgical Site Prevention. OR Nurse Executive Leaders Conf. Chicago, IL  
 10/16/19 Quality tools and templates for Surgical Stewardship Program. OR Nurse Executives, Chicago  
 9/1/19 Fast Diagnostics for BSIs and Sepsis Care. Florida IP Chapter Conference, Tampa, FL  
 6/14/19 Surgical Implant Infection: The Prevention Imperative. APIC Conference, Philadelphia, PA  
 6/13/19 Focusing on Healthy Skin: Its Key Role in Preventing Infection. APIC Conference, Philadelphia  
 6/12/19 Expansion of Common SSI Prevention Bundles: Innovative Approaches and Technologies, APIC Conference, Philadelphia, PA  
 5/14/19 Prevention of Surgical Site Infections-OR Nurse Executive Leaders Conference. Raynham, MA  
 4/17/19 Quality Improvement in Surgical Settings: Perioperative Standardization. Webinar 2019  
 4/11/19 Reduction in Colon Surgical Site Infections using CHG Irrigant Solution. APIC-NE Springfield, MA  
 4/8/19 Surgical Stewardship for Prevention of SSIs. AORN. Nashville, TN  
 2/13/19 Fast Diagnostics for BSIs and Sepsis Care. APIC San Francisco Chapter, CA

## **2018**

11/19/18 Fast Diagnostics for BSIs and Sepsis Care. Sepsis Alliance Coordinator Network Webinar  
 11/16/18 Fast Diagnostics for Bloodstream Infections and Sepsis Care. APIC Las Vegas. NV  
 11/8-9/18 Clostridium Difficile and Sepsis. C Diff Foundation Conference Philadelphia, PA  
 10/26/18 Prevention of Surgical Site Infections. APIC Chapter, Phoenix, AZ  
 10/25/18 Communicating with the C Suite for Infection Prevention Projects. Georgia IP Network Conf, GA  
 10/18/18 Prevention of Surgical Site Infections. Surgical Grand Rounds Ann Arbor Michigan  
 9/13/18 Accelerate Pheno BC Kit Presentation Florida Infection Prevention and Control Tampa, FL  
 8/16/18 Air Contamination and SSI Risk in Implant Procedures. APIC Utah Chapter, Salt Lake City, UT  
 8/14/18 The Key to Preventing Clostridium Difficile. C Diff Foundation Radio Podcast  
 7/26/18 Using Implementation Science for Fast Phenotypic Diagnostic for Bloodstream Infections and Antimicrobial Stewardship. American Hosp Assn. San Diego, CA Poster Presentation  
 6/30/18 A Bundled Approach to Preventing Surgical Site Infections. Ethicon Institute Raynham, MA  
 6/15/18 Air Contamination and SSI Risk in Implant Procedures. APIC National Conference, Minneapolis  
 6/14/18 Molecular Diagnostics for Blood Cultures and the Role of the IP in Antimicrobial Stewardship  
 4/4/18 Prevention of Surgical Site Infections. Washington State Hospital Association, Seattle, WA  
 3/21/18 Prevention of Surgical Site Infections. APIC Pittsburgh, PA  
 3/16/18 Air Contamination and SSI Risk in Implant Procedures. APIC Mile High Denver, CO  
 2/12/18 IC Training and CIC Prep Course, APIC Boise, ID (3 day training)  
 1/9/18 Molecular Diagnostics for Blood Cultures and the Role of the IP in Antimicrobial Stewardship. APIC Tri-Valley, Orange County, CA

## **2017**

12/18/17 Prevention of Surgical Site Infections. Medical Univ of South Carolina. Charleston, SC  
 12/12/17 Prevention of Surgical Site Infections. Northside Medical Center, Atlanta, GA  
 11/10/17 Clostridium difficile through the Eyes of an Infection Preventionist. C Diff Foundation Conference, Las Vegas, NV  
 11/3/17 Molecular Diagnostics for Blood Cultures and the Role of the IP in Antimicrobial Stewardship. APIC Rochester, NY  
 11/2/17 Molecular Diagnostics for Blood Cultures and the Role of the IP in Antimicrobial Stewardship. Smoky Mountain APIC, Knoxville, TN  
 10/31/17 Prevention of Surgical Site Infections. Medical Univ of South Carolina. Charleston, SC  
 10/24/17 Molecular Diagnostics for Blood Cultures and the Role of the IP in Antimicrobial Stewardship. APIC Boise, ID  
 10/16/17 Isolation and Precautions Techniques and Antimicrobial Resistance. Simmons College, Boston  
 10/10/17 Communication and Collaboration When Making the Business Case for HAI Reduction and Elimination. APIC Long Beach, CA  
 9/26/17 Molecular Diagnostics for Blood Cultures. Winter Haven Medical Center, Winter Haven, FL  
 6/16/17 Emerging Role of Corporate Infection Prevention and Control; Unleashing the efficacy of prevention across an integrated delivery network. APIC National Conference. Portland, OR  
 6/15/17 The Science of Irrisep. APIC National Conference. Portland, OR  
 6/6/17 Clinical Adoption and implementation of the Pheno BC System. Tucson Medical Center, AZ  
 5/25/17 Prevention of SSs Using a 7 S Bundle Approach - AORN Nurse Executive Leaders, Dallas, TX  
 5/20/17 Prevention of SSs Using a 7 S Bundle Approach - AORN Nurse Executive Leaders, Atlanta, GA  
 5/13/17 Prevention of SSs Using a 7 S Bundle Approach - AORN Nurse Executive Leaders, Chicago, IL  
 4/29/17 Prevention of SSs Using a 7 S Bundle Approach - AORN Nurse Executive Leaders, Raleigh, NC  
 4/22/17 Prevention of SSs Using a 7 S Bundle Approach - AORN Nurse Executive Leaders, NYC  
 4/13/17 Hospital Adoption of Fast Susceptibility Technology/Challenges & Opportunities for Laboratories, Clinicians and Hospital Administration. BayCare Health System, Clearwater, FL  
 4/8/17 Prevention of SSs Using a 7 S Bundle Approach - AORN Nurse Executive Leaders, Seattle  
 4/4/17 Best Practices to Prevent SSIs – Role of Contaminated Air in Healthcare Acquired Infections. AORN Conference, Boston, MA

4/3/17 Infection prevention in the OR: Establishing a safe operating room with a 7S bundle. AORN, Boston, MA

4/2/17 Prevention of SSSs Using a 7 S Bundle Approach. AORN Conference, Boston, MA

3/28/17 Clinical Implementation of the Pheno BC System. Beaumont Health System, Michigan

3/29/17 Clinical Implementation of the Pheno BC System. Detroit Medical Center, Michigan

3/29/17 Clinical Implementation of the Pheno BC System. University of Michigan, Detroit, Michigan