

CURRICULUM VITAE

MAUREEN P. SPENCER, M.Ed., BSN,
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NURSING REGISTRATION

Massachusetts Board of Registration in Nursing – 1973 – present

CERTIFICATION BOARD FOR INFECTION CONTROL

December 2014-December 2019

Board Certified in Infection Control

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	Diploma	Catherine Laboure School of Nursing - Dorchester, Ma.

Infection Control Training/Certification:

November, 1995	Certificates	Harvard Medical School, Boston, Mass <i>Nosocomial Infectious Diseases and Hospital Epidemiology</i> Certificate Course for Infection Control Professionals
November, 1993		
October, 1985		
October, 1978		
October, 1973	Certificate	<i>Surveillance, Prevention and Infections Course - 1200 G</i> Centers for Disease Control, Atlanta, Georgia

SPECIAL LECTURES & HONORS

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.
November 1993	Selected as a speaker in the Harvard Medical School Oxford Debate Pro Position: <i>Universal Precautions</i> is beneficial to the health care setting and workers Harvard University Continuing Education: “ <i>Nosocomial Infectious Diseases and Hospital Epidemiology</i> ” Boston, Mass.

June 1990 Selected 1990 APIC "*Carole DeMille Award*" for excellence, vision and leadership in the practice of infection control. Award lecture presentation at the 1990 APIC Conference, Washington, DC

INFECTION PREVENTION EXPERIENCE

January 2017 – present Director, Clinical Implementation
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.

May, 1990 - Mar, 1996 Director, Infection Control Unit
Massachusetts General Hospital
55 Fruit Street - Clinics 131
Boston, Mass. 02114

November, 1987 - April, 1990 Senior Infection Control Clinician
Massachusetts General Hospital

August, 1985 - October, 1987 Infection Control Clinician
Massachusetts General Hospital

July, 1978 - August, 1985 Nurse Epidemiologist in Infection Control
Veterans Administration Medical Center West
Roxbury, Mass.

Sept 1973 – July 1978 Infection Control Nurse
Carney Hospital, Dorchester, MA

May 1973 – Sep 1973 Staff Nurse, NICU – Boston City Hospital

May 1968 – May 1973 Microbiology Laboratory Technician
Boston City Hospital, Boston, MA

FACULTY APPOINTMENTS

August 2008 – present 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.

Sept, 1980-June, 1983

Instructor - Health Allied Sciences
Course: Hospital Epidemiology
Northeastern University, Boston,
Mass.

COMMITTEES AND TASK FORCES RELATED TO INFECTION CONTROL

2012-2013	Healthtrust 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. Department of Public Health
1988-1989	AIDS Advisory Group -- Massachusetts Hospital Association

PROFESSIONAL ASSOCIATIONS

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)
2015-present	American Association of Medical Instrumentation (AAMI)
2004-present	Coordinator, Boston Local Group of Infection Preventionists
2007-2010	APIC Education Committee – Products Review Team
2007-2010	APIC Surgical Site Infections - National Seminar Speaker
2007-2010	Communications Director-Elect, 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
1980	President-Elect APIC - New England Chapter
1977-1980	Founder and Editor, APIC - New England Chapter Newsletter - <i>Microscope</i>

ARTICLES/PUBLICATIONS

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 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. December 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, January 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

ABSTRACT/POSTER PRESENTATIONS

- 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 (to be presented)
- 4/17 Spencer M, et al. Reduction in Colon Surgical Site Infections using CHG Irrigant Solution. AORN Congress, April 1-5 2017
- 4/16 Spencer M, et. A Wound Closure Point Prevalence Observational Study for the Prevention of Post-op Surgical Site Infections. AORN Congress April 2016
- 6/14 Empowering the Surgical Patient: A Randomized Prospective Analysis of An Innovative Strategy for Improving Patient Compliance to the Preadmission Showering Protocol. APIC National Conference, June 2014 Anaheim, CA
- 6/14 Assessment of an Innovative Antimicrobial with Surface Disinfectant in the Operating Room Using ATP-Bio Luminescence Assay. APIC National Conference, June 2014 Anaheim, CA.
- 6/14 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. APIC National Conference June 2014 Anaheim, CA
- 6/14 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 National Congress March 2014 Chicago, Ill
- 6/13 The Role of the Corporate Infection Preventionist Consultant in a Multi-Hospital System, Fort Lauderdale, APIC 2013, Fort Lauderdale, FL APIC National Conference June 2013 San Antonio,Tx
- 3/12 The Road to Success with 3rd Party Processing. Maureen Spencer and Patricia Tyrell. AORN, Mar 2012
- 2/12 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, Kellie R. Brown, MD and Gary R. Seabrook, MD, American College of Surgeons, Feb 2012
- 5/10 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, May 18, 2010 Seattle
- 5/10 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, May 18, 2010 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
- 3/09 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: Society of Hospital Epidemiologists of America (SHEA) 19th Scientific Meeting, San Diego, California 2009

- 3/09 Non-disposable Blood Pressure Cuffs as a Potential Source for Cross Contamination. M Spencer, Poster: Society of Hospital Epidemiologists of America (SHEA) 19th Scientific Meeting. San Diego, California 2009
- 4/08 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
- 6/08 An Online Communication System for Local Infection Control Practitioners Maureen Spencer, RN, M.Ed., CIC, Cathy Korn, RN, MPH, Tricia Lemon, RN, MPH.. APIC Annual Conference, Poster Presentation 2008
- 6/07 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

- 6/07 Microbiologic Evaluation of a Silver Antimicrobial Disinfectant Spray. M Spencer, et al. APIC 2007 Conference – poster presentation –San Jose, CA 2007
- 6/07 Reduction in Possible Healthcare-Acquired Clostridium difficile infections After Implementing Control Measures M Spencer, et al. APIC 2007 Conference – oral presentation, San Jose, CA
- 6/07 Ideas for Six Creative Hand Hygiene Programs M Spencer, et al. APIC 2007 Conference – poster presentation – San Jose, CA 2007
- 5/06 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
- 5/06 The Use of A Silver Gauze Dressing in Spine Surgery to Reduce The Incidence of MRSA Surgical Site Infections. M S p e n c e r e t a l . Educational Conference, Boston, Ma.2006
- 3/06 A Multidisciplinary Team Working Toward Zero Infection Rate. M Spencer et al. AORN Annual Convention, Washington DC 2006
- 6/05 Surgical Site Surveillance in Orthopedic Surgery Using NNIS Thresholds and Standardized Infection Ratio as a Benchmarking Tool. M Spencer et al. APIC Annual Conference, Baltimore, Md. Poster Presentation 2005
- 6/05 The E=MC2 Project: Environment = Maintaining Cleanliness, A Multidisciplinary Approach To Establish a Routine Cleaning Schedule for Medical Equipment M S p e n c e r e t a l . APIC Annual Conference, Baltimore, Md. Poster Presentation 2005
- 6/05 "Don't Catch the Flu Bear Blues" Educational Campaign to Increase Hand Hygiene Awareness During The Flu Vaccine Shortage in an Orthopedic Specialty Hospital. M Spencer et al. APIC Annual Conference, Baltimore, Md. Poster Presentation 2005
- 6/04 Creative Hand Hygiene Campaign in an Orthopedic Specialty Hospital. M Spencer et al. Association for Professionals in Infection Control and Epidemiology, Annual Conference, Phoenix, Arizona. Poster Presentation. 2004
- 6/95 Spencer M. Open versus Closed Wound Suction Devices and Risk of Aerosolization. Poster Presentation. APIC Annual Conference, Las Vegas, Nevada. 1995
- 6/95 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
- 2/95 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
- 5/94 Averbach C, Spencer M, et al. Implementation of an Algorithm for Isolation of Hospitalized Patients with Suspect Tuberculosis. 21st Annual Educational Conference - APIC, Cincinnati, 1994, poster presentation.
- 5/94 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, 1994, poster presentation
- 5/94 Spencer M, et al. Needle Protection Devices (NPD): Potential Risk of Surface Contamination During Activation. 21st Annual Educational Conference - APIC, Cincinnati, 1994, poster presentation
- 3/94 Tierney M, Spencer M, et al. Efficacy of Needlestick Reduction Devices at a Large Teaching Hospital. Society SHEA Annual Conference, 1994, Oral presentation
- 5/93 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, 1993 Oral Presentation.
- 5/93 Spencer M, et al. Validity Testing of Revised Definitions of Ventilator-Related Pneumonia and Surgical Wound Infection.- APIC, Orlando, Florida, 1993 Poster Presentation.

- 6/92 Spencer M, et al. Validity Testing of Generic Quality Screens for Nosocomial Infection (NI) Surveillance. APIC, San Francisco, California 1992 - Oral Presentation.
- 6/92 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, California 1992 – Poster Presentation.
- 5/91 Spencer M, et al. The Use of a Multi-media Kit for Mandatory Training in Infection Control in a Large Teaching Hospital. APIC Nashville, Tennessee 1991 - Oral presentation.
- 5/91 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.
- 5/91 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.
- 5/91 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.
- 5/91 Knaub B, Vallande N, Atamian S, Spencer M, Hopkins C: Leuconostoc Bacteremias: A Description of a Cluster and Attempts to Isolate the Source. APIC, Nashville, Tennessee 1991 - Oral presentation.
- 5/89 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 Presentation.
- 5/89 Spencer M, et al. Unit-based Infection Control: An Integrative Approach with Staff Nurses in a Large Teaching Hospital. APIC, Reno, Nevada, 1989. Poster

Chapters/Newsletters

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)

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.