

CURRICULUM VITAE

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ACADEMIC BACKGROUND

Bachelors of Science in Nursing, May 2012

Regis College
Weston, Massachusetts
Cum laude

Diploma Graduate with Honors, May, 1988

Lawrence Memorial Hospital School of Nursing
Medford, Massachusetts
Honors

LICENSURE

Registered Nurse, Massachusetts, 186516, 1988-current

CERTIFICATION

ACLS 2009-current
CCRN 2007-current
PALS 1995-current
BLS 1985-current

PROFESSIONAL EXPERIENCE

Clinical Nurse Educator, 2005-current

Cardiac Intensive Care Unit
Children's Hospital, Boston, Massachusetts

Developed and implemented a standardized 16 week nursing orientation curriculum including 12-8 hour class days enhanced by 7-2hour high fidelity simulation sessions to train new nurse hires into the CICU. Role includes organizing and facilitating the hiring and interview process. In addition, planning and facilitating national and international visitor itineraries based on outlined objectives. Also responsible for organizing post orientation conference day as well as on going educational offerings for CICU staff.

Cardiac Intensive Care Unit Crisis Resource Management (CRM) course facilitator 2007-current

Cardiac Intensive Care Unit

Children's Hospital, Boston, Massachusetts

Facilitate medical simulation course for interdisciplinary staff including didactic portion on principles of CRM & error prevention; facilitate debriefing of participants following simulated crisis scenarios; developed effective communication curriculum in 2008 and in 2010 implemented a curriculum for ECMO deployment during a crisis. Trained over 200 participants, including physicians, nurses, and respiratory therapists, in principles of Crisis Resource management during this time period. In 2015 developed and implemented combined CICU /ORL curriculum to address issues related to emergent airway issues in the CICU. This program is supported by an educational grant created by the Kelly Family Foundation.

**Collaborative 8East/8South Crisis Resource Management (CRM) course facilitator
2012-2014**

In-Patient Cardiac Care Unit
Boston Children's Hospital, Boston, MA

Worked as part of an interdisciplinary team to develop curriculum and simulation scenarios to train hybrid resuscitation team from cardiac inpatient ward and Cardiac Intensive Care Unit responding to code events on cardiac inpatient ward. Emphasis of course on forming an effective ad hoc team and utilization of Crisis Resource Management Principles. Contributions included development and pilot testing of simulation scenarios and course facilitation (didactic and debriefing).

Staff Nurse Level III, 2007-current

Staff Nurse Level II, 1990-2007

Staff Nurse Level I, 1988-1990

Cardiac Intensive Care Unit

Children's Hospital, Boston, Massachusetts

Member of the senior leadership group in a 29-bed CICU with 150 RN staff. Responsibilities included direct patient care, clinical role model, preceptor and mentor. As a clinical expert, responsible for the care of critically ill pediatric patients and families with complex, congenital heart disease, heart transplants, general surgical interventions, including pre and postoperative management, and patients requiring extracorporeal membrane oxygenation (ECMO). Provide care while administering conscious sedation for patients undergoing cardiac catheterization. Participate in defining and achieving programmatic goals, leading committees, staff education, clinical research, and outcomes measurement.

Team Leader 2017-present

One of 13 leaders in the CICU responsible for smaller groups of 7-10 staff nurses that are the direct responsibility of the team leader. Responsibilities include professional mentorship and direct communication of critical information

SIMPeds Associate Clinical Director, Nursing CICU

2017-current

Represents the CICU to empower and facilitate colleagues with interest in simulation.

INTERNATIONAL OUTREACH

International Quality Improvement Collaborative, 2010-current

Founding program committee member

Developed & presented team-based web-based lectures in 2010 for pediatric cardiac surgical programs for 35 international sites in developing countries including:

- Basic module on communication and weights and measures
- Intermediate module on postoperative nursing care of the pediatric cardiac surgical patient
- Advanced module on crisis resource management
- Advanced nursing modules to meet specific educational objectives

Children's Hospital Boston, MA

Heartbeat Vietnam, 2010-current

Facilitated development and presentation of 12 pediatric cardiac nursing web-based learning modules for 5 clinical sites in Vietnam. The sessions were presented via live video stream with interactive Q&A for participants. All modules were submitted for translation and archiving purposes with the intent to be presented to staff unable to attend the webinars live.

Presented the module on Emergency Situations in the CICU (April, 2011)

Children's Hospital Boston, MA

Pediatric Simulation Instructor Training 2008-2011

Meyer Children's Hospital

Florence, Italy

Faculty of 3-day workshop focused on training faculty to become simulation instructor. Course content included principles of adult learning theory, structure of simulation-based curricula, and debriefing methodology for human factors-oriented debriefing.

Open Pediatrics 2012-current

Presenter: Emergency situations

Facilitates nursing lectures in the transition from classroom to video presentation.

Dovetails curriculum presented in HeartBeat Vietnam and IQIC initiatives for this novel web based global educational program.

Co-Director for Cardiac Intensive Care Nursing Curriculum with Dorothy Beke

Imprescia T, Beke D, Wolbrink TA. Pediatric Cardiac Intensive Care Nursing Curriculum. 2015. Online curriculum. OPENPediatrics. <https://www.openpediatrics.org/curriculum/pediatric-cardiac-intensive-care-nursing-curriculum>.

Nursing Curriculum Advisory Board 2012-present

REGIONALIZATION OF PEDIATRIC CARDIAC SURGICAL CARE

Brigham and Women's Hospital NICU

Boston, Massachusetts

Established a nursing curriculum to improve knowledge and understanding of the medical management of the neonate with congenital heart disease awaiting surgical intervention

Connecticut Children's Medical Center PICU

Hartford, Connecticut

Established and implemented a nursing educational curriculum to support the re-opening of a pediatric cardiac surgical program.

Massachusetts General Hospital PICU

Boston, Massachusetts

Established and implemented a nursing educational curriculum to support the re-opening of a pediatric cardiac surgical program.

PROFESSIONAL ORGANIZATIONS

Northeast Pediatric Cardiology Nurses Association, 1988-current
American Association of Critical Care Nurses, 2000-current
Society for Simulation in Healthcare, 2006-current
Society of Critical Care Medicine, 2007-current
Pediatric Cardiac Intensive Care Society, 2007-current
International Pediatric Simulation Society, 2013-current

PUBLICATIONS

Imprescia A, Shah D, Marcley S, O'Brien C. Epinephrine Bristojet. 5/2021. Online Video. OPENPediatrics. <https://learn.openpediatrics.org/learn/course/internal/view/elearning/5065/epinephrine-bristojet>.
YouTube link: <https://youtu.be/Y55MUbmIFtM>
OP link: <https://learn.openpediatrics.org/learn/course/internal/view/elearning/5065/epinephrine-bristojet>

Beke, DM. and **Imprescia, A.** (in print). Nursing Aspects of ECPR and ECMO Training. In L. Johnston and L. Su (Eds.). ECMO Simulation: A Theoretical and Practical Guide. Springer.

McBride, M, Beke, D., Fortenberry, J., **Imprescia, A.**, Callow, I., Justice, L., & Bronicki, R. (2017) Education and Training in Pediatric Cardiac Critical Care. World Journal for Pediatric and Congenital Heart Surgery. 8(6) 707-714.

Allan, C, Pigula, F., Fynn-Thompson, F., Thiagarajan, R., **Imprescia, A.**, Hayes, G., Weinstock, P. (2013) Integrated Skills Trainer Leads to Improved Performance Among Pediatric Cardiac Surgery Trainees. Simulation in Healthcare: Journal of the Society for Simulation in Healthcare.

Allan, C., Thiagarajan, R., Beke, D., **Imprescia, A.**, Kappus, L., Garden, A., Hayes, G., Laussen, P., Bacha, E., & Weinstock, P. (2010). Simulation-based training delivered directly to the pediatric cardiac intensive care unit engenders preparedness, comfort, and decreased anxiety among multidisciplinary resuscitation teams. The Journal of Thoracic and Cardiovascular Surgery.

Allan, C, Zackin, B, Robertson, A, Huth, K, **Imprescia, A.** Crisis Resource Management Principles. 12/2019. Online Video. OPENPediatrics. <https://www.openpediatrics.org/assets/video/crisis-resource-management-principles>.

You Tube link: <https://youtu.be/g5WTlyczjAk>
OP link: <https://www.openpediatrics.org/assets/video/crisis-resource-management-principles>

McBride, M, Almodovar, M, Florez, **Imprescia, A.**, Su, L, Allan, C. (2019). Applying Educational Theory to Interdisciplinary Education in pediatric Cardiac Critical Care. World Journal for Pediatric and Congenital Heart Surgery.

Moynihan K, Zackin B, Agus M, Bullock K, **Imprescia A.**, Kleinman M, Allan C. Cardiopulmonary Resuscitation in the ICU with COVID-19 Considerations. 5/2020. Online Video. OPENPediatrics. <https://youtu.be/M8MWOjK2Ow>.

YouTube link: <https://youtu.be/M8MWOjK2Ow>

OTHER PUBLICATIONS

Imprescia, A, LaRonde, M, Bullock, K. & Thiagarajan, R. (2008). Endotracheal tube suctioning of the pediatric cardiac patient. Children's Hospital Boston Policy and Procedure.

Imprescia, A & Horn, K. (1995) Teaching Emergency Skills to Parents During their Child's Hospitalization. NPCNA Newsletter, Fall 1995.

Imprescia, A & Morley, J. (1990). Transporting an Intubated Patient to MRI. Children's Hospital Boston Policy and Procedure.

LOCAL PRESENTATIONS

BCH Academy Annual Retreat

Workshop Session:

Making Learning Interactive using Online Technologies: Before, During, and After the Teaching Encounter
Boston Children's Hospital

April, 2019

Poster presentation: A multidisciplinary Approach to Establishing a Clinical Practice Guideline for Endotracheal Tube Suctioning of a Pediatric Cardiac Patient

May 2010

Children's Hospital Boston Nurse's Week

NATIONAL AND INTERNATIONAL PRESENTATIONS

Invited Speaker:

Overview of Invasive & Non-invasive hemodynamic Monitoring
Bedside Nursing Care of the Pediatric Cardiac Patient on ECMO
Congenital Heart Campus

May, 2019

Ortigia, Sicily

Preconference Session: Simulation and Cardiopulmonary Interactions: A Multi-professional Experience for Junior Providers

December, 2018

14th Annual International Meeting

PCICS

Miami, FL

Poster Presentation:

State of Practice: Use of Simulation to Enhance Cardiovascular Nursing Education

October, 2018

NPCNA

Boston, Massachusetts

Simulation Session:

Be Still My Heart: Managing VAD Emergencies in the Pediatric Patient
October, 2018
NPCNA
Boston, Massachusetts

Simulation Session:
Be Still My Heart: Managing VAD Emergencies in the Pediatric Patient
May, 2018
NTI 2018
Boston, Massachusetts

Poster Presentation:
State of Practice: Use of Simulation to Enhance Cardiovascular Nursing Education
May, 2018
Nurse's Week Celebration
Boston Children's Hospital
Boston, Massachusetts

Poster Presentation: Optimizing Outcomes through Global Collaboration
July 2017
7th World Congress of Pediatric Cardiology & Cardiac Surgery
Barcelona, Spain

Invited Speaker:
IQIC Webinar
Train to Retain...Keeping the Best at the Bedside
Boston, Massachusetts
January, 2017

Invited Speaker:
PCICS 12th Annual International Meeting
Miami, Florida
Keeping the best at the bedside....Beyond the New Grad
December, 2016

Workshop Facilitator: Quality Improvement
Boston Children's Hospital
Global Health Program
Global Pediatric Research Day
September, 2016

Invited Speaker:
IQIC Regional Learning Session, Bogota, Colombia
Simulation Session
April, 2016

Invited Speaker/ guest lecture:
Garrahan Hospital, Buenos Aires Argentina
Common Arrhythmias in the Pediatric Post-Operative Patient
SVT Simulation
November, 2015

Poster Presentation: Creative Staffing Solutions: A Cross-Training Program for In-Patient Cardiac Nurses to the Cardiac Intensive Care Unit (CICU)

May 2015

Children's Hospital Boston Nurse's Week
Boston, Massachusetts

Round Table Discussion: Co-Debriefing in Simulation-Based Team Training Courses: Motives, Pitfalls, and Strategies for Success

April 2013

5TH International Pediatric Simulation Symposium and Workshops
New York, New York

Lecture: Care of the Pediatric ECMO Patient

June 2012

Invited speaker

Nursing Conference: First annual National Pediatric Nursing Conference
Shanghai, China

Poster presentation: Recruitment & Retention of Pediatric Cardiovascular ICU Nurses

December 2010

Pediatric Cardiac Intensive Care Society 8th International Conference
Miami, Florida

ECMO Crisis Resource Management (CRM) Workshop, Co-facilitator

Invited Faculty

December, 2010

Pediatric Cardiac Intensive Care Society 8th International Conference
Miami, Florida

Crisis Resource Management Training Workshop, co-facilitator

Invited Faculty

December, 2010

Pediatric Cardiac Intensive Care Society 8th International Conference
Miami, Florida

Co-facilitated interdisciplinary ECMO CRM course

May 2010

International VAD conference
Boston, Massachusetts

The use of simulation to enhance medical training

April 2010

Project Medical Education
Children's Hospital Boston
Boston, Massachusetts

Poster presentation: A multidisciplinary Approach to Establishing a Clinical Practice Guideline for Endotracheal Tube Suctioning of a Pediatric Cardiac Patient

February 2010

Pediatric Cardiology 2010
Lake Buena Vista, Florida

Cardiac Registry: Tetralogy of Fallot
October 2009
Northeast Pediatric Cardiology Nurses Association 25th Anniversary Conference
Boston, Massachusetts

Poster Presentation: Creatively Utilizing Simulation to Foster Skills, Safety and Professional Practice to Open a
New Pediatric Medical Intensive Care Unit
January 2009
International Meeting on Simulation in Healthcare
Lake Buena Vista, Florida

Crisis Resource Management Training Workshop, co-facilitator
December 2008
Pediatric Cardiac Intensive Care Society 7th International Conference
Miami, Florida

Poster presentation: Evolution of a Peer Review Process
February 2008
Society of Critical Care Medicine 37th Annual Conference
Honolulu, Hawaii

Poster Presentation: Enhancing Orientation for Critical Care Nurses in the CICU with High-Fidelity Patient
Simulation
January 2007
Society for Simulation in Healthcare 7th Annual Conference
Orlando, Florida

Peer Review
September 2006
Cardiovascular Leadership Meeting
Children's Hospital Boston
Boston, Massachusetts

Poster Presentation: Urinary Tract Infections in the CICU
May 2006
Children's Hospital Boston Nurse's Week
Boston, Massachusetts

Early Extubation of the Pediatric Cardiovascular Patient
October 2002
Pediatric Critical Care: Advancing Nursing Practice
Children's Hospital Boston
Boston, Massachusetts

VIRTUAL PRESENTATIONS

PCICS COVID-19 Multicenter CICU Response 2020
Leveraging Simulation Training: Virtual Crisis Resource Management in the CICU during a Pandemic
Co presenter Dorothy Beke MS, RN, CPNP, PC/AC, FAAN

SIMPeds Board of Advisors Meeting
Special Update COVID-SIM

Leveraging Simulation Training: Virtual Crisis Resource Management in the CICU during a Pandemic

PCICS 16th Annual International Meeting (Virtual)
Growing the Next Leaders of the Field: Nursing
Co-Moderator

AWARDS

Joshua Tyler Shairs Scholarship recipient 2012

2012 Partners in Excellence Team Award
Massachusetts General Hospital for Children Pediatric Cardiac Catheterization and Cardiac Surgical Program

Boston Globe Salute to Nurses Parent nomination
May 2016

COMMUNITY SERVICE

Junior Achievement Program

St Michael School Grades 1-5 North Andover, Massachusetts. Presented business skills to elementary school children using a standardized curriculum. 1997-2001

U6 Soccer Coach

North Andover Soccer Association 2001-2004

Executive Leadership Team

American Heart Association, Boston Heart Walk 2010
American Heart Association, Boston Heart Walk 2011

FOREIGN LANGUAGE

Spanish