

Molly Curtiss, BSN, RN, CCRN
Medical University of South Carolina, Cardiovascular Intensive Care Unit
Clinical Nurse II
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EDUCATION

University of Maryland at Baltimore, School of Nursing *Spring 2016- Fall 2017*
Bachelor of Science in Nursing
Graduated December 2017
GPA: 3.38/4.0

Elon University *Fall 2009- Spring 2013*
Major: Environmental and Ecological Processes
GPA: 3.296/4.0

EXPERIENCE

Clinical Nurse II *April 2019- Present*
Medical University of South Carolina
Cardiovascular Intensive Care Unit (CVICU)

- Part of CVICU team consisting of 21 beds
- Continuously assess, monitor, and provide bedside care to patients with critically ill disease processes including, but not limited to, right and left sided heart failure, congestive heart failure, cardiac arrhythmias, heart and lung transplants, cardiac arrest
- Discontinue patient chest tubes, epicardial pacing wires, venous and arterial sheaths, Swan-Ganz catheters, arterial lines, and central lines
- Assist in the insertion and placement of Swan-Ganz catheters, arterial lines, and central lines
- Manage, troubleshoot, and operate cardiovascular support devices including, but not limited to;
 - Heartmate II LVAD and Heartmate III LVAD
 - Centrimag
 - Impella
 - Heartware LVAD
 - Tandem Heart
 - Flotrak
 - Intra-Aortic Balloon Pump
 - Cardiac Pacing Boxes
 - Swan-Ganz Catheter
 - NxStage Continuous Renal Replacement Therapy Dialysis
 - EKOS EKoSonic Endovascular System

Clinical Nurse II

February 2019- March 2019

University of Maryland Medical Center
Medical Intensive Care Unit (MICU)

Nurse Residency, Clinical Nurse I

February 2018- February 2019

University of Maryland Medical Center
Medical Intensive Care Unit (MICU)

- Part of MICU team consisting of 29 beds and more than 100 nurses
- Continuously assess, monitor, and provide bedside care to patients with critically ill disease processes to include, but not limited to, acute respiratory distress syndrome (ARDS), end-stage liver disease, end-stage renal disease, multi-system organ failure, GI bleeding, respiratory failure, cardiac arrest, and sepsis/septic shock
- Collaborate with the multidisciplinary team to design and execute an integrated patient care plan
- Perform patient and family education for a variety of patient types, conditions, and age groups
- Demonstrate critical thinking skills by recognizing changes in patients' conditions and communicating symptoms and possible interventions to patients' team of care
- Incorporate evidence-based protocols and practices into daily patient care
- Titrate continuous intravenous medications to control heart rate, blood pressure, sedation, blood sugar, and clotting times
- Collect and interpret laboratory values
- Run continuous renal replacement therapy (CRRT) for patients requiring dialysis or slow continuous ultrafiltration (SCUF) for patients requiring fluid removal
- Assist physicians with various emergent and non-emergent bedside procedures, including central or arterial line placement, bronchoscopy, paracentesis, thoracentesis, and intubations
- Perform end of life care for patients and support families when making end-of life decisions
- Perform post-mortem care for patients
- Transport patients to other departments for CT and MRI procedures
- Act as a float nurse on the MICU and other units to be a resource to fellow nurses
- Precept student nurses to the unit during their senior clinical practicum and prepare them to work independently
- Perform yearly staff evaluations as needed
- Certifications:
 - Post-Pyloric Feeding Tube Placement Using Cortrak Technology
 - Continuous Renal Replacement Therapy (CRRT)
 - Advanced Cardiac Life Support (ACLS)
 - Care for Pre- and Post- Pulmonary Transplant Patient
 - Adult Chemotherapy-Biotherapy Administration Safety
 - Phlebotomy and IV Access in Adults
 - Basic Life Support (BLS)

Certified Nursing Assistant, Student Nurse

May 2017-February 2018

University of Maryland Medical Center
Medical Intensive Care Unit (MICU)

- Worked under the delegation of the unit's nurses
- Assisted with daily care of patients including daily bathing, travels, admissions, discharges, wound care and dressing changes, and 12 lead EKGs
- Acted as a sitter when a patient needed continuous 1:1 observation

PROFESSIONAL CERTIFICATION

Critical Care Registered Nurse (CCRN)

September 2019-Present

- American Association of Critical-Care Nurses

CURRENT PROFESSIONAL ORGANIZATION MEMBERSHIPS

American Association of Critical-Care Nurses

June 2019-Present

- *Charles Towne Chapter Local Member, Charleston, SC*

American Nurses Association

RESEARCH/ EBP/ PI CONTINUUM

University of Maryland Medical Center Nurse Residency EBP Final Project

March

2019 Ventilator Acquired Pneumonia

- Outcome: A selective digestive decontaminant (SDD), combined with a selective oropharyngeal decontaminant, is the most effective intervention to preventing VAP rates among ICU patients. Furthermore, a SDD does not lead to antibiotic resistance as originally speculated. SDD regimens contribute to lower microbial consumption amongst ventilator patients.
- Recommendations: Adherence to SOD and SDD regimens by nursing staff is vital to achieve optimal benefit for patients. More research is needed to identify data to determine optimal frequency and quality of oral care by nurses.
- Translation into practice: Improved oral care to decrease rates of VAP among ICU patients could have significant financial and medical implications for patients. Evidence demonstrates that prevention of VAP results in fewer ventilator days for patients which leads to shorter lengths of stay. This also translates into decreased medical expenses for both patients and hospitals.
- Role: Lead

University of Maryland School of Nursing Senior Practicum Presentation

September 2017

Medical Marijuana as a Pain Management Technique in Patients with Chronic Neuropathic Pain

- Outcome: There is a statistically significant, short-term, analgesic response to vaporized cannabis, specifically in pain related to spinal cord injury. The increase in THC concentration correlates to an increase in pain-reducing effects.
- Recommendations: Longitudinal clinical trials are needed to determine possible sustained analgesic effects of cannabis in chronic neuropathic pain. Additional research is needed to determine possible adverse effects on adolescent patients.
- Translation into practice: Inhaled cannabis has proven analgesic effects. However, a social stigma prevents broad use and inhibits cannabis use in the community as readily as other analgesic substances. Patients who may benefit from the use of cannabis may require additional resources and education to acquire and correctly utilize this treatment.

- Role: Lead

PRESENTATIONS

FORMAL PRECEPTORSHIP:

Senior Clinical Student Practicum Nurse Preceptor
2019

Spring

University of Maryland Medical Center
Medical Intensive Care Unit (MICU)

Responsibilities:

- Guide student nurse from University of Maryland School of Nursing on the roles, responsibilities, skills, and critical thinking elements, and resource usage necessary to be a successful critical care nurse
- Assist nurses with orientation to the culture and unique aspects of the unit and its patient population
- Evaluate and discuss the nurses' performance and progress with the nurse and the orientation committee

COMMITTEE APPOINTMENT

Novice Nurse

June 2017- March 2019

University of Maryland Medical Center
Medical Intensive Care Unit (MICU)

- Chair: Brian Le, MSN, RN, CCRN and Susie Williams, BSN, RN, CCRN
- Role: Member
- Purpose: To promote professional relationships amongst new graduate nurses and provide formal education about MICU procedures, diagnoses, medication, and therapies
- Responsibility: Met monthly to receive education on unit-based topics for new nurses
- Topic examples:
 - Benefits of music therapy
 - Use of paralytics for ARDS patients
 - PA Catheter management
 - CRRT/ SCUF/ IHD
 - CLABSI/ CAUDI prevention

Awards and Nominations

Removal Ranger

August 2018

University of Maryland Medical Center
Medical Intensive Care Unit (MICU)

- Positive Points Recognition Program
- Awarded for successful removal of non-medically indicated foley catheters, arterial lines, and central lines

Additional Courses and Continuing Education

Medical University of South Carolina
Cardiovascular Intensive Care Unit (CVICU)

April 2019-Present

- Tandem Heart
- Heartmate II and Heartmate III

- Centrimag
- Targeted Temperature Management
- Sharing Hope
- Continuous Renal Replacement Therapy
- Impella
- Heartware
- Hemodynamics
- Flotrak
- Intra-Aortic Balloon Pump

University of Maryland Medical Center
Medical Intensive Care Unit (MICU)

February 2018-March 2019

- Neuro Critical Care Nursing
- Civility Training
- Preceptor Boot Camp
- Professional Development
- Ethics, End of Life Care, and Stress Management
- Evidence-Based Practice and Process Improvement Projects
- Communication and Health Work Environments
- Resource Management
- Moderate Sedation
- Managing Changing Patient Conditions
- Adult Cardiac Rhythm Interpretation
- Adult Critical Care