

DAVID A. RICE, M.D.

North Florida Critical Care Consulting, PLLC
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Consulting Profile: Board-certified Intensivist and active ICU Medical Director with over 11 years of high-acuity clinical experience. Specialist in ECMO (VV/VA), sepsis management, and mechanical ventilation, with a proven track record of protocol development and clinical quality oversight. Available for objective merit review and expert testimony.

CERTIFICATION / LICENSURE:

- Florida State Medical License, Active
- **ABIM Critical Care Certification** (Active / Participating in MOC)
- ABIM Pulmonary Disease Certification (Active / Participating in MOC)
- ABIM Internal Medicine Certification (Active / Participating in MOC)

WORK AND LEADERSHIP EXPERIENCE:

- HCA Florida Memorial Hospital / Intensive Care Consortium, Jacksonville, FL **2019 – present**
 - **Facility Critical Care Medical Director, 2019 – present**
 - Pioneered Regional ECMO Center of Excellence (2021–Present): Co-architected the launch and ICU-wide implementation of a comprehensive ECMO program.
 - Clinical Volume & Mastery: Directed the management of **100+ high-acuity ECMO cases** (VV and VA configurations), scaling the program into a leading regional referral hub.
 - Mortality Benchmarks: Maintained a consistent ICU Mortality **O:E Ratio < 0.7**, significantly outperforming national actuarial expectations for critical care survival.
 - Throughput Efficiency: Achieved and sustained a **CMA Length of Stay (LOS) < 1.3 days** and an average **Ventilator LOS < 2.5 days**, maximizing unit capacity and patient flow.
 - Standard of Care Governance: Authorship and hospital-wide implementation of the Central Access Selection & Utilization Policy, effectively standardizing vascular access and reducing unnecessary Triple Lumen Catheter (TLC) utilization across all departments.
 - Protocol Optimization: Re-engineered and hardwired Mechanical Ventilation Weaning Protocols, significantly reducing ventilator dependency and optimizing respiratory outcomes.
 - ICU Hospital-Acquired Infection (HAI) Eradication: Directed a "Zero-Harm" initiative resulting in **0 CAUTIs since 2024** and only **1 CLABSI in 2025**.
 - Achieved this through a dramatic reduction in device utilization (Central Lines and Foley Catheters) and strict adherence to evidence-based insertion/maintenance bundles.
 - Readmission Control: Sustained an **ICU Readmission Rate < 4%**, demonstrating high-fidelity stabilization and discharge readiness.
 - Strategic Throughput: Established key partnerships with local LTACH facilities to expedite transitions of care, supporting an average daily census growth to 35+ patients.
 - Monthly reviews of ICU mortalities, septic shock cases, and prolonged mechanical ventilation outliers to drive continuous process improvement.
 - Conducts frequent literature synthesis to update hospital-wide protocols, order sets, and critical care policies, ensuring alignment with the most current evidence-based medicine.
 - **Chair, Department of Medicine, 2025 – present**

- Intensivist, **2019 – present**
 - Patient populations include medical/surgical ICU, neurosurgical and interventional neurology, ECMO and other mechanical cardiac support, and cardiovascular surgery ICU
 - Proficient in endotracheal intubation, central line placement, arterial line placement, dialysis catheter placement, percutaneous chest tube placement, bedside lung ultrasound/ECHO, and management of VV/VA ECMO patients
- **Medical Executive Committee, 2022 – present**
- **Peer Review Committee, 2025 – present**
- **Leadership Council, 2025 – present**
- CHI Memorial Hospital, Chattanooga, TN 2014 – 2019
 - ECMO Program Director, 2018 – 2019
 - Intensivist, 2014 – 2019
 - Units covered included medical/surgical ICU, cardiac care ICU, and cardiovascular surgery ICU
 - Proficient in endotracheal intubation, central line placement, arterial line placement, dialysis catheter placement, percutaneous chest tube placement, bedside lung ultrasound/ECHO, and management of VV/VA ECMO patients
 - Medical Executive Committee Member, 2018-2019

EDUCATION / TRAINING:

- Medical University of South Carolina, Charleston, SC 2011- 2014
 - Fellowship, Pulmonary / Critical Care
- University of Alabama at Birmingham, Birmingham, AL 2008 – 2011
 - Residency, Internal Medicine
- University of Alabama School of Medicine, Birmingham, AL 2004-2008
 - Doctor of Medicine
- Birmingham-Southern College, Birmingham, AL 2000-2004
 - Bachelor of Science in Biology & Psychology, *cum laude*

RESEARCH EXPERIENCE:

- Medical University of South Carolina, Division of Pulmonary and Critical Care Medicine, Charleston, SC 2011 – 2014
 - Research was focused on sepsis and outcomes research with main project being a retrospective study examining hospital readmissions in patients admitted with sepsis; under Dee Ford, M.D. and Andrew Goodwin, M.D.
- University of Alabama at Birmingham, Division of Allergy, Pulmonary, and Critical Care Medicine, 2009 – 2010
 - Quality improvement project in the medical intensive care unit to help improve resident adherence to proven beneficial morbidity/mortality measures such as head of bed elevation, DVT prophylaxis, stress ulcer prophylaxis, central venous line care, etc.; under Nancy Dunlap, M.D.
- University of Alabama at Birmingham, Department of Anesthesiology, 2002-2004
 - Worked as a research assistant where I participated in efforts involving the study of free radicals and their involvement in cell signaling, inflammation, and immunology as well as their role in surgical and critical care situations. My main duties in the research lab consisted of preparing cell media, growing and splitting cells, harvesting rat tissue, protein assays, and IR, NMR, and mass spectroscopy; under Bruce Freeman, Ph.D.

ORAL PRESENTATIONS:

- *Patterns of hospital readmission following an index hospitalization with sepsis*, ACCP CHEST Conference, Chicago, IL October 2013
- *BNP-driven fluid management during ventilator weaning*, Journal Club, MUSC Division of Pulmonary and Critical Care Medicine, Charleston, SC February 2013

- *Hospital Re-admission in Patients with Sepsis*, Research Conference, MUSC Division of Pulmonary and Critical Care Medicine, Charleston, SC January 2013
- *Severe Pancreatitis in the ICU: An Update in Management*, Critical Care Conference, MUSC Division of Pulmonary and Critical Care Medicine, Charleston, SC September 2012
- *Pulmonary capillaritis and diffuse alveolar hemorrhage*, Critical Care Conference, MUSC Division of Pulmonary and Critical Care Medicine, Charleston, SC May 2012
- *Unusual manifestation of intrathoracic malignancy*, Pulmonary Grand Rounds, MUSC Division of Pulmonary and Critical Care Medicine, Charleston, SC February 2012
- *Henoch-Schonlein Purpura with CNS involvement*, Critical Care Conference, MUSC Division of Pulmonary and Critical Care Medicine, Charleston, SC January 2012
- *Carcinoid tumor*, Pulmonary Grand Rounds, MUSC Division of Pulmonary and Critical Care Medicine, Charleston, SC October 2011
- *Coffee: A Healthy Addiction?*, Internal Medicine Residency Senior Talk, University of Alabama at Birmingham, Department of Internal Medicine, Birmingham, AL May 2011

POSTER PRESENTATIONS:

- *Risk factors for 30-day hospital readmission in sepsis*, ATS International Conference, San Diego, CA May 2014
- *Patterns of and risk factors for hospital readmission in sepsis*, Department of Medicine Research Day, MUSC Department of Medicine, Charleston, SC January 2014
- *Hospital Re-admission in Patients with Sepsis*, Department of Medicine Research Day, MUSC Department of Medicine, Charleston, SC January 2013

PUBLICATIONS:

- Goodwin, AJ, Rice, D et al. Frequency, cost, and risk factors of readmissions among severe sepsis survivors. *Critical Care Medicine*. Apr 2015; 43: 738-46.

PROFESSIONAL MEMBERSHIPS:

- Extracorporeal Life Support Organization
- Society of Critical Care Medicine
- American Thoracic Society
- American College of Chest Physicians

ACADEMIC AWARDS, HONORS, AND ORGANIZATIONS:

- American College of Chest Physicians Young Investigator Award, October 2013

AREAS OF INTEREST:

- ECMO, ARDS, Shock, Sepsis, Critical Care Ultrasound, Quality Improvement