

Asif A. Saberi, MD, FCCP

SUMMARY OF QUALIFICATIONS

- Physician leader currently pursuing Physician Executive MBA from University of Tennessee in Knoxville. Distinct expertise in clinical informatics with a high level of individual engagement in clinical decision support, leveraging predictive tools, and teleICU implementation.
- Extensive experience leading and directing ICU clinical operations of the largest hospital and largest healthcare system in the state; building programs, including those focused on critical care and ECMO; and innovation in extracorporeal support.
- Proven history of improving quality; serve as system Chair of Critical Care Quality and Operations Committee.
- Involved in all aspects of Graduate Medical Education in the ICU; hold faculty appointment at the Medical College of GA; serve as mentor for medical students and residents.
- Clinical research experience includes serving as principal investigator & sub-investigator for phase 2 & 3 trials; the design of rules based glucose control tool for the ICU; Research Steering Committee/Physician Panel

CURRENT POSITIONS

- Medical Director, Critical Care, Wellstar Kennestone Regional Medical Center
- Medical Director, ECMO, Wellstar Kennestone Regional Medical Center
- Clinical Associate Professor, Medical College of Georgia at Augusta University
- Co-Chair, Wellstar Health System Critical Care Quality and Operations Committee

EDUCATION & TRAINING

- LTM Medical College, Bombay University 07/1986-02/1992
- Internship & Residency: S.U.N.Y. at Buffalo Medical-Dental Consortium Internal Medicine Residency Program A 07/94-06/97
- Fellowship: University of Utah Fellowship in Pulmonary & Critical Care 01/2000-12/2003
- Wellstar Physician Leadership Academy (PLA) 2016-17
- Masters Degree prep courses through the *American Association of Physician Leaders (AAPL)*
- Physician Executive MBA student at the University of Tennessee Knoxville, class of 2022

ACADEMIC APPOINTMENTS

- Core faculty, Wellstar Kennestone Regional Medical Center Internal Medicine Residency Program & Transitional Year Residency Program 06/2016- now
- Clinical Associate Professor, Medical College of Georgia at Augusta University 06/2016-Now
- Clinical Associate Professor, Mercer University College of Health Professions 09/2013-12/2017

- Medical Director, Mercer University PA Program 09/2013-12/2017
- Faculty, Mercer PA Program; Emory PA Program 2010-2017
- Faculty, Nursing Residency Program, Piedmont Hospital 2008-2011
- SUNY at Buffalo. Adjunct Faculty 1997-2000
- SUNY at Buffalo. Assistant Clinical instructor 07/1994-07/1997

HOSPITAL APPOINTMENTS

- Wellstar Healthcare System affiliate hospitals 09/2013-Now
- Piedmont Atlanta Hospital 07/2005-09/2013
- Floyd Medical Center 01/2004-07/2005
- Redmond Regional Medical Center 01/2004-07/2005
- Columbia St. Marks, Salt Lake City, UT 06/2001-12/2003
- Veteran Affairs Medical Center, Helena, MT 01/2001-12/2003
- Brooks Memorial Hospital, Dunkirk, NY 08/1997-12/2000

RECENT INSTITUTIONAL SERVICE

- Chair, Wellstar Health System Critical Care Quality and Operations Committee 2/2018-Now
- Wellstar Research Institute, Physician Panel 8/2021-now
- Wellstar System Green-light Committee (for evaluation of new devices) - 10/2021-Now
- Chair, Wellstar Kennestone Critical Care Performance Improvement Committee 1/2014-Now
- Physician Lead, Wellstar Kennestone Mortality A3 Committee 09/2017-Now
- Co-Chair, Safety Learning Systems Mortality Reviews Committee 2019-Now
- Trauma Medical Care Evaluation Committee 2019-Now
- Ethics Committee 1/2014-Now
- Wellstar Pulmonary Medicine Operations Board 2014-Now
- Wellstar Healthcare System Sepsis Committee 9/2013 - Now
- Chair, Wellstar Healthcare System Pharmacy & Therapeutics Committee 12/2015-2019
- Wellstar Clinical Partners, physician champion for mortality and sepsis FY 2019
- Chair, Critical Care Council 12/2017-2018

RESEARCH & INTERESTS

- Principle Investigator (KRMC) for VENT-AVOID, a multi-center randomized control trial evaluating mechanical ventilation versus the HumaLung, an extra-corporeal CO2 removal device versus ventilator.
- Sub-Investigator REGENERON study on sarilumab for COVID-19 infection

- Investigator Genentech phase-II study of MSTT1041A or UTTR1147A in patients with severe COVID-19 pneumonia
- Sub-Investigator, VERU Phase 3, Randomized, Placebo-Controlled, Efficacy and Safety Study of VERU-111 for the Treatment of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) in Patients at High Risk for Acute Respiratory Distress Syndrome (ARDS)
- Designed and implemented a glucose control protocol using a knowledge engineering tool. This protocol was used in the intensive care units of LDS Hospitals and the University of Utah Hospitals, and at Floyd Medical Center and Redmond Regional Medical Center in Rome.
- Digital Signal Processing to attenuate EKG signals from diaphragmatic EMG. Research project during residency
- Application of decision support techniques in clinical situations
- Predictive modeling

PUBLICATIONS

E-BOOKS

- ECMO: A family's guide to treatment
- ECMO at Wellstar: An Operating Manual

PENDING REVIEW

- VV ECMO cannulation without mechanical ventilation for severe COVID-19 pneumonia. Under review
- Percutaneous tracheostomy and open-airway management for patients with COVID-19: procedure safety and transitioning patients out of acute care units. Under review

PEER REVIEW PUBLICATIONS

Kukielski, C., et al. (2022). "Veno-arteriovenous (V-AV) ECMO configuration: A single-center experience." J Card Surg.doi: 10.1111/jocs.16348

Charlene L. Rohm , Sara Acree, Aseem Shrivastava, Asif A. Saberi, and Louis Lovett. Antibody-Negative Relapse of Goodpasture Syndrome with Pulmonary Hemorrhage. Case Reports in Medicine Volume 2019, Article ID 2975131

Cho, Angelina E., Kathleen Jerguson, Joy Peterson, Deepa V. Patel, and Asif A. Saberi. "Cost-Effectiveness of Argatroban Versus Heparin Anticoagulation in Adult Extracorporeal Membrane Oxygenation Patients." Hospital Pharmacy, (December 2019). doi:10.1177/0018578719890091.

Danielle Logan, Asif Saberi, Aamer Rahman, Sean Lee, Atul Bhatnagar, Sanjay Chaudhary, Puneet Katyal. VAV ECMO for Severe Calcium Channel Blocker Overdose. Extra-Corporeal Life Support Organization Annual Conference 2019. ASAIO. Abstract/Poster presentation

Saberi A, et al. A Safe Computerized Protocol for Lower ICU Blood Glucose. Poster/discussion session International conference abstract A40.ATS, 2004.

Saberi A, et al. Differences between Simultaneous Blood Glucose by Sample Site and Measuring Method. Poster/Discussion International conference abstract A40. ATS, 2004.

Saberi A, Syed SA Meningeal signs: Kernig's sign and Brudzinski's sign Hosp Physician 1999 Jul; 35(7): 23-24.

Saberi A, Syed SA Corrigan's sign Hosp Physician 1999 Mar; 35(3): 29-30.

Syed SA, Saberi A Dupuytren's contracture Hosp Physician 1999 May; 35(5): 25-26.

Syed SA, Saberi A Hosp Physician Argyll Robertson pupil 1999 Jan; 35(1): 21-22.

Syed S., Saberi A. Clinical implications of ECG abnormalities – Long QT Syndromes Emer Med 1998 Aug; 30(8): 91-92.

Syed S., Saberi A, Clinical implications of ECG abnormalities – Pre-excitation Syndromes. Emer Med 1998 Sept; 30(9): 36-40.

INVITED LECTURES, PRESENTATIONS AND OTHER SCHOLARLY ACTIVITY

Morehouse University, Pulmonary & Critical Care Program “ECMO in the pandemic” September 2021

Atlanta Medical Center, Critical Care Grand Rounds “ECMO for respiratory support” September 2021

Moderator for Atlanta Area Intersystem Grand Rounds on COVID-19. May 2020

“Innovations in ECMO for COVID-19: ECMO without ventilator” Grand Rounds, IM Residency Program, April 2021

“Salvage Therapies for ARDS” Society of Critical Care Medicine, South-East Chapter. June 2014

“Sepsis Management” Grand Rounds, Wellstar Paulding Hospital, June 2015

“State of the art management of ARDS” Grand Rounds, Wellstar Kennestone Regional medical Center, January 2016

“Targeted Temperature Management” Grand Rounds, Wellstar Kennestone Regional medical Center, August 2016

“Severe Sepsis” Grand Rounds presentation, North Fulton Hospital, September 2016

“Pulmonary Embolism” Medical Grand Rounds Presentation, October 2017

“PE Response Team: Pro-Con debate” Citywide Pulmonary Conference, Atlanta. October 2016

“ECMO” Cardiovascular Grand Rounds presentation, Kennestone Regional Medical Center Jan 2018

“CPR outcomes” Internal Medicine Grand Rounds, Kennestone Regional Medical Center Nov 2018

“ECMO” Lecture to the Northside Cherokee Pulmonary & Critical Care department Feb 2019

Co-convener of the quarterly City-wide Pulmonary Conference with Emory University, Atlanta, GA – Present

Series Editor for ‘Review of Clinical Signs’ the Hospital Physician. 1998-1999.

AWARDS AND HONORS

National Merit Scholarship 1984

Wellstar Healthcare System Physician of the year 2019

PROFESSIONAL ORGANIZATIONS

Society of Critical Care Medicine
American College of Chest Physicians
American Association of Physician Leadership
Extra-corporeal Life Support Organization

LICENSURE & CERTIFICATION

Diplomate, American Board of Internal Medicine
 Internal medicine 1998
 Sub-specialty re-certification – Pulmonary Diseases 2013
 Sub-specialty re-certification –Critical Care 2013
Diplomate, American Board of Sleep Medicine 2005
ECFMG 1993
GA State License Current
U.S. DEA Current
AHA Basic Life Support Current
AHA Advance Cardiac Life Support Current

ADDITIONAL PROCEDURAL SKILLS

VV ECMO cannulation including Avalon and Crescent dual lumen cannulae, left side cannulation and Protek Duo for RV support
Percutaneous tracheostomy including high risk airways (anticoagulation, anti-platelets)
ICU POC Ultrasound, including cardiac USG and hTEE (Imacor)

HOBBIES & PERSONAL INTERESTS

Computer programming: R, Python, C, C++, Visual C++, Visual Basic, HTML, Perl 5.0 in PC and Unix environment, Swift and SwiftUI.

REFERENCES

Available upon request