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Daniel L. Herr, MD

Academic Title:

Associate Professor

Primary Appointment:

Medicine

Secondary Appointment(s):

Surgery

Administrative Title:

Chief Of Surgical Critical Care

Additional Title:

Chief - Surgical Critical Care services; Director - Cardiac Surgery, Heart-Lung Transplant ICU

Email:

dherr@som.umaryland.edu

Location:

UMMC, S4D13

Phone (Primary):

(410) 328-1201

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Education and Training

Education:

- MD, St. George's School of Medicine, Grenada, West Indies.
- MS, Pharmacology, Thomas Jefferson University, Philadelphia, Pa.

- BS, Biology and American Studies, Wittenberg University, Springfield, Ohio.

Residency:

- Einstein University, N.Y., Bronx Lebanon Hospital, 1981
- York Hospital York, Pa. 1982-1983

Fellowship:

- 1984 Critical Care Trauma Fellowship, Maryland Shock Trauma, University of Maryland
- 1985 Critical Care, Memorial Sloan-Kettering, Cornell University

Biosketch

Daniel L. Herr, MD is the Chief of Surgical Critical care services and Director of the Cardiac Surgery Unit at the University of Maryland. He is responsible for the oversight of the clinical ICU care of cardiac surgery patients, heart transplant, lung transplant, ventricular assist devices and, extracorporeal lung support. Dr Herr serves as an Associate professor of Medicine. Dr Herr's research interests are in use, of Extra corporeal membrane oxygenation (ECMO) for lung failure, avoidance and treatment of acute confusional states in the ICU and the use of hypothermia for resuscitation. Dr Herr is boarded in the fields of Internal medicine, Critical Care and certified in Neuro-Critical care.

A Fellow of the American College of Critical Care Medicine, Dr. Herr is an experienced principal investigator with special interest in novel therapies and devices. He is proficient in regulatory compliance, protocol design, and pharmacology. His research findings have been published in prominent medical journals such as *JAMA*, *Journal of Neurosurgery*, and *Critical Care Medicine*. He has also authored two book chapters on the subject of nutrition in critical care and endocrine management of the cardiac surgical patient. Most recently he was one of the authors of the Guidelines for Sedation in critically ill patients.

As a recognized expert in the field of critical care, Dr. Herr is frequently invited to speak at medical conferences on topics concerning novel/new treatments and therapies for crucially ill patients. He has served on several Data Safety Monitoring Boards, and often provides consultative services to pharmaceutical companies. Throughout his career, he has been an active member of several medical organizations.

Dr. Herr received a Masters of Science in Pharmacology from Thomas Jefferson University, Philadelphia, PA, and a Medical Degree from St. George's University School of Medicine, Grenada, W.I. He completed a residency at York Hospital in York, PA, and completed post-graduate training in critical care (medical, surgical and trauma) at Maryland Institute for emergency Medical Services (MIEMSS), University of Maryland Hospital, Baltimore, Maryland, and Memorial Sloan-Kettering, Cornell University, New York, NY.

Prior to assuming his current positions, Dr Herr was Assistant Vice President of Scientific Affairs at MedStar Research Institute, as well as Director of Critical Care Research, and Medical Director of the Surgical Intensive Care Unit at Washington Hospital Center (WHC) in Washington, DC. Dr. Herr was responsible for all critical care research conducted at WHC, and oversaw all MedStar-administered research projects conducted in Baltimore,

Maryland. Over the past several years, Dr. Herr served as a key scientific contributor to MedStar's Office of Research Integrity and served as Chair of the Institutional Review Board (IRB) for eight years. In addition to his clinical and research responsibilities, Dr. Herr was an Associate Professor of Medicine at Georgetown University. Prior to those appointments, Dr. Herr served as Assistant Clinical Professor of Neurosurgery at George Washington University in Washington DC, and was Medical Director of MedSTAR, the renowned trauma transport and emergency program at WHC.

Research/Clinical Keywords

Critical Care, Cardiac Critical Care, Neuro Critical Care, Extracorporeal Membrane Oxygenation (ECMO), ICU Management, Post- Operative Heart Surgery Patients, Sepsis

Highlighted Publications

1. Kon ZN, Dahi S, Evans CF, Byrnes KA, Bittle GJ, Wehman B, Rector RP, McCormick BM, **Herr DL**, Sanchez PG, Pham SM, Griffith BP. "Long-Term venovenous extracorporeal membrane oxygenation support for acute respiratory distress syndrome." *Ann Thorac Surg.* 2015 Dec;100(6):2059-63.
2. Mazzeffi M, Greenwood J, Tanaka K, Menaker J, Rector R, **Herr D**, Kon Z, Lee J, Griffith B, Rajagopal K, Pham S. "Bleeding, transfusion, and Mortality on extracorporeal life support: ECLS working group on thrombosis and hemostasis." *Ann Thorac Surg.* 2016 Feb;101(2):682-9.
3. Mazzeffi M, Kon Z, Sanchez P, **Herr D**. "Impact of acute liver failure on mortality during adult ECLS." *Intensive Care Med.* 2016 Feb;42(2):299-300.
4. Mazzeffi MA, Sanchez PG, **Herr D**, Krause E, Evans CF, Rector R, McCormick B, Pham S, Taylor B, Griffith B, Kon ZN. "Outcomes of extracorporeal cardiopulmonary resuscitation for refractory cardiac arrest in adult cardiac surgery patients." *J Thorac Cardiovasc Surg.* 2016 Jun 23.5223(16):30644-4.

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