



Siva Bhavani, MD MSc
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Siva Bhavani, MD MSc, is a Pulmonary and Critical Care physician and data scientist with expertise in applying machine learning algorithms to routine bedside measurements to identify precision treatment approaches to sepsis. He is currently funded by an NIH Career Development Award to apply machine learning to bedside vital signs to discover sepsis subphenotypes.

His work on vital signs and sepsis has been published in *JAMA*, *Intensive Care Medicine*, *American Journal of Respiratory and Critical Care Medicine*, *Critical Care Medicine*, and *CHEST*. With the transition to the EPIC system, Dr. Bhavani is working with the Emory bioinformatics team to integrate research algorithms into the electronic medical record, with the goal of moving discoveries from research to implementation. His research program also includes investigations into racial biases in ICU resource allocation and medical devices.

Dr. Bhavani's research on temporal thermometer biases has been featured in media outlets, including CNN, NPR, and Yahoo News.