

UAB Medicine and MIC Work to Enhance Decision-making and Patient Care

University of Alabama at Birmingham (UAB) Medicine, one of the top academic medical centers in the U.S. and a recognized leader in world-class patient care, research, and training, wanted to quickly analyze and maximize insights from the wealth of patient data they were generating. UAB's Department of Anesthesiology and Perioperative Medicine conducted a first-of-its-kind pilot built on Medical Informatics Corp.'s FDA cleared Sickbay platform and Cisco and Intel® technology. By using machine learning AI, Sickbay allows UAB Medicine to capture high-resolution signals in near-real-time to help doctors take a step closer to precision medicine. Using this model, planning decisions can be based on accessible patient data. This helps hospitals like UAB Medicine better identify and avoid unwanted patient health issues while providing better care for those who experience them.

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“UAB has been a very data-driven institution. The Sickbay platform allows us to capture and integrate this high-resolution information from every monitoring device we have in a completely vendor-agnostic manner. That forms a profoundly useful basis for discovery and real-time monitoring.”

Dr. Dan Berkowitz, chair of the Department of Anesthesiology and Perioperative Medicine, UAB