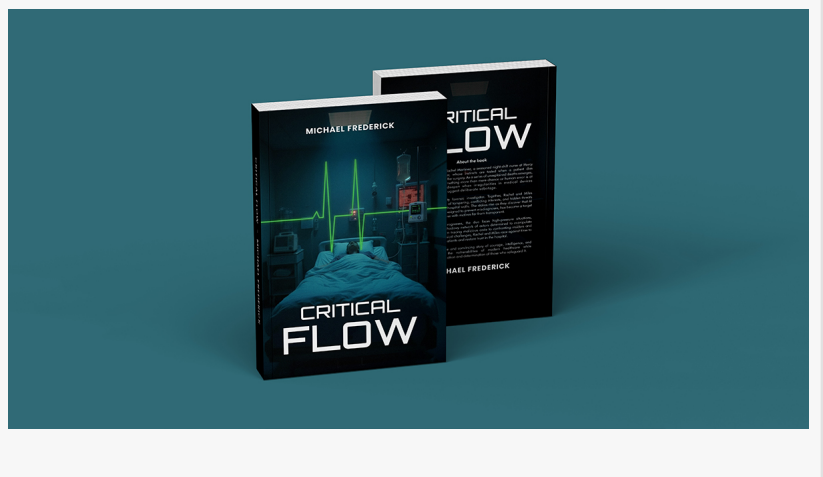


Michael Frederick's Debut Novel 'Critical Flow' Exposes the Risks of Cybercrime Inside Modern Hospitals

New Medical Techno-Thriller Critical Flow Exposes the Deadly Risks of Cybercrime Inside Modern Hospitals

RICHARDSON, TX, UNITED STATES, August 12, 2026 /EINPresswire.com/ -- Author Michael Frederick's [Critical Flow](#) is a gripping medical techno-thriller that blends authentic healthcare procedures, sophisticated cybersecurity, and relentless suspense into a story that feels both timely and frighteningly plausible. It answers the unsettling question of what happens when technology that saves lives is turned into a weapon.



Set inside Mercy Heights Medical Center, the novel begins with what appears to be an unexpected post-operative death. Veteran nurse Rachel Martinez quickly realizes something doesn't add up. A patient's pain medication pump records a fatal dose that should have been impossible to administer. As similar deaths begin to surface, Rachel joins forces with trauma surgeon Dr. Evan Cho and cybersecurity expert Miles Calder to uncover a hidden threat capable of transforming trusted medical devices into instruments of murder.

As the investigation deepens, they discover that the deaths are not isolated incidents but part of a carefully orchestrated cyberattack designed to hide homicide behind ordinary medical complications. With every minute that passes, more patients remain vulnerable, and the race to expose the killer becomes increasingly desperate.

Drawing on more than 35 years of professional experience in information security, including two decades protecting healthcare systems and medical technology, Frederick brings authenticity to the novel. His knowledge of cybersecurity allows *Critical Flow* to present realistic threats while delivering the thrill of a classic modern thriller.

Critical Flow explores vulnerabilities that readers can easily imagine existing within today's

increasingly connected healthcare environment. Beyond the mystery, the novel examines trust, ethics, responsibility, and the growing dependence on digital infrastructure within modern medicine. It asks readers to consider how innovation can improve patient care while also introducing risks that few people ever stop to question.

Fans of medical thrillers, cybercrime fiction, and intelligent suspense will find much to appreciate in Frederick's carefully researched debut.

Critical Flow is now available on Amazon.

About the Author

Michael Frederick has spent more than 35 years working in information security, with the last two decades dedicated to protecting critical healthcare systems and sensitive medical data. His experience safeguarding hospitals, medical devices, and digital infrastructure provides the foundation for the realistic world portrayed in Critical Flow. This debut novel combines his technical expertise with a lifelong passion for storytelling.

Michael Frederick

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