

Press Release

Cogitativo Expands AI Platform to Predict ICU Patient Deterioration in Collaboration with the U.S. Department of Veterans Affairs TeleCritical Care Program

Berkeley, Calif. - Friday, September 12, 2025 - Cogitativo, Inc., a healthcare artificial intelligence company, today announced the launch of new predictive capabilities within its AI platform to detect deterioration in intensive care unit (ICU) patients. Developed in collaboration with the U.S. Department of Veterans Affairs (VA) National TeleCritical Care (TCC) Program, these innovations aim to save lives by enabling earlier detection of life-threatening conditions such as sepsis shock and respiratory failure.

An overview of these groundbreaking capabilities has been co-authored with the VA and has been jointly submitted to several leading medical publications, including to the *Journal of the American Medical Informatics Association (JAMIA)*, with the intention of seeking U.S. Food and Drug Administration (FDA) approval.

Advancing Proactive ICU Care

ICU patients often face high mortality risks from conditions such as septic shock and respiratory failure, which account for more than half of hospital deaths in the United States. Cogitativo's AI platform, *Visión*, continuously monitors patient data to identify early signs of deterioration up to 48 hours in advance. By leveraging causal machine learning, the system not only predicts risk but also pinpoints the underlying drivers, giving clinicians clear guidance on the most effective interventions.

Transformative Collaboration with the VA

The VA's TeleCritical Care program, which covers nearly 1,400 ICU beds across 84 hospitals nationwide, extends specialized ICU expertise to bedside teams, including those in rural and underserved areas. Early results from TeleCritical Care programs globally show dramatic improvements in efficiency and outcomes, including a 36% reduction in hospital length of stay, more than 20% increase in ICU throughput, and a 376% increase in per-patient profitability. By integrating Cogitativo's predictive models, TeleCritical Care clinicians will be equipped to act earlier, optimize care plans, and reduce preventable deaths.

Gary Velasquez, CEO of Cogitativo, said: *"Our mission is to transform healthcare delivery through the power of AI. Partnering with the VA's TeleCritical Care program, we are advancing a new standard of proactive ICU care. One that saves lives by giving clinicians the ability to intervene before a patient deteriorates."*

About Cogitativo

Cogitativo is a Berkeley, California–based healthcare technology company dedicated to improving healthcare delivery and affordability through advanced artificial intelligence. With over two decades of experience in deploying scalable, precise AI models, Cogitativo partners with leading public and private organizations to transform healthcare data into life-saving insights.

Media Inquiries:

info@cogitativo.com

SOURCE: Cogitativo, Inc.