PeriGen
Advanced Perinatal Systems

PERIWATCH VIGILANCE®

Standalone Maternal-Fetal Early Warning System

PeriWatch Vigilance® is an automated maternal-fetal early warning system for obstetrics that automates the process of identifying patients who may be at risk for adverse outcomes during labor and delivery. Designed to enhance clinical efficiency, standardize care, and facilitate timely intervention, Vigilance is the only AI-based EFM analysis tool commercially available in the United States.[1]

SINGLE PATIENT VIEW

HUB (MULTIPATIENT) VIEW

Contact info@perigen.com to learn how PeriGen can help improve patient safety at your health system.

TIRELESS, TIMELY, CONSISTENT

Always on and analyzing streaming data. Notifies clinicians when maternal vital signs, fetal heart rate, or labor progress exceed safety limits set by the hospital.

MATERNAL-FETAL DYAD

Only automated Early Warning System for Labor and Delivery that considers both mother and fetus. Includes the only EFM analysis tool that has been validated by experts from the NICHD.[2]

WORKS WITH YOUR EXISTING EFM

Works alongside existing EFM systems and EMRs using ADT/HL7 interfacing to avoid costly software replacement and double documentation.

1 Evans, M. I., Britt, D. W., Evans, S. M., & Devoe, L. D. (2023). Improving the interpretation of electronic fetal monitoring: the fetal reserve index. American Journal of Obstetrics and Gynecology, 228(5, Supplement), S1129–S1143. https://doi.org/10.1016/j.ajog.2022.11.1275
2 Steven Weiner. Independent validation of a fetal heart rate pattern recognition software American Journal of Obstetrics and Gynecology, Vol. 208, Issue 1, S316–S317 Published in issue: January 2013.

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CLINICAL FEATURES

HUB Multipatient View

Live, interactive listing of multiple patients across all or one site, color-coded notifications for quick attention.

Single Patient View

Consolidation of critical data for one patient in a single view with ability to trend 4 or 12 hours.

Cues   *Only EFM analysis tool validated by experts at the NICHD[1]

FDA-cleared module that measures accelerations, decelerations, FHR baseline, variability, and contractions. Long-term tracing display highlights regions where the tracing exceeds specific criteria set by the institution.

Curve   *Only FDA-cleared labor curve

FDA-cleared multifactorial curve to objectively assess labor progress showing a patient's dilation relative to a reference population, adjusting for specific factors such as contraction frequency, epidural use, and parity.

Vital Signs

Displays maternal vital signs and oxygen saturation measurements in numerical and graphical format in near real-time.

Notifications

Notifications where you are - in your EMR, census, or through workstation pop ups.

Artificial Intelligence Software

AI independently verified for accuracy, combined with other unique algorithms and visualization aids.

TECHNICAL FEATURES

Data Capture

No documentation or user validation within Vigilance. All data is pulled in automatically based on integration.

EMR & EFM Integration

Ability to integrate with all major EMRs and EFMs so data is shared seamlessly.

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1 Evans, M. I., Britt, D. W., Evans, S. M., & Devoe, L. D. (2023). Improving the interpretation of electronic fetal monitoring: the fetal reserve index. American Journal of Obstetrics and Gynecology, 228(5, Supplement), S1129–S1143. https://doi.org/10.1016/j.ajog.2022.11.1275