



PeriWatch Vigilance®

Tireless, Timely, Consistent

Always on and analyzing streaming data. It will notify 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.¹

Works With Your Existing EFM

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

Single Patient View



HUB (Enterprise Wide) View

PeriWatch Vigilance HUB 10 patient(s) out of 10 11/25/2019 17:42																			
Patient Identifiers		OB		Exam		Curve		Vital Signs			Cues		Local Notes						
Facility	MRN	Patient	Age	GA	G.P.	DII	Eff	Station	ROM	Curve %ile	Arrest of Dilatation n	BP (mmHg)	Pulse (bpm)	O2 Sat	Resp Rate (per min)	Temp	Cues State	Positive Cues Duration (min)	Comment
Hospital A	65243576	Godfrey Jessica	21	39 + 4	3 2	1	2 0 0	-	Intact	-	-	117/76	65	100%	15/48	98.4	Positive	27	
Main...	6573456	Callahan Brenda	25	33 + 0	1 0	0	0%	-4	Intact	NA	-	126/94	90	76%	17/40	98.4	NA		Twins
Main...	435542	Santos Glonia	29	29 + 2	1 0	1	20%	-2	Intact	NA	-	126/84	90	76%	17/40	98.6	NA		Quads
Main...	548754	Jones Gracey	25	31 + 2	3 2	1	1 1 0 2	-	PPROM 100%	NA	-	104/68	78	99%	16	98.6	NA		PPROM
Main...	194658	Robinson Michelle	25	39 + 5	3 2	9	100%	+2	SROM	-	-	124/65	68	100%	18	98.6	Unknown		SVD 11/25
Hospital B	654412	Denis Lina	37	39 + 6	4 2	6	70%	-1	AROM	-	-	127/62	77	99%	18	98.2	Unknown		TOLAC/VBAC
Main...	11/25/...	???	???	???	???	???	???	???	???	-	-	-	-	-	-	-	Unknown		
Main...	76880	Perratta Stacie	27	38 + 3	3 2	8	80%	+1	AROM	84.5%	-	168/100	89	99%	18	98.8	Negative		HTN
Main...	886754	Hamilton Bethany	29	39 + 2	4 3	2	60%	-1	Intact	-	-	140/95	87	171%	171%	171%	Negative		IOL/Foley Balloon
Main...	5489621	Allende Isabel	23	39 + 3	2 1	6	100%	+2	Intact	5.9%	4.4	112/64	56	99%	18	98.2	Negative		

PeriWatch Vigilance® is an automated early warning software system for obstetrics, designed to enhance clinical efficiency, timely intervention and standardization of care. It adds an artificial intelligence-based approach to patient safety initiatives. It can track hundreds of patients across multiple sites continuously sorting and color-coding them according to defined parameters and notifying clinicians based on the degree and duration of abnormality.

Contact your Client Executive or Info@PeriGen.com to learn how we can help improve patient safety at your health system.

¹ 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



PeriGen Solutions

PeriGen has provided innovative software solutions for over 20 years, with a mission of protecting all moms and babies.

PeriWatch Surveillance™

Fetal Surveillance and Documentation

Implement a complete EFM surveillance and documentation system with ability to integrate with PeriWatch Vigilance's EWS and CDS tools.

- **FHR Assessments, Annotations, and Exams**
Annotate directly on the strip for singleton up to quads, entries configured to match facility guidelines.
- **Patient Census**
Comprehensive view of all active patients, configurable columns and colors, and HIPAA compliant.
- **Bedside Surveillance**
Provides ease of trending and navigation to documentation fields. Natural flow of documentation screens, designed with clinical preferences in mind. Single and dual screen options available.
- **Central Surveillance**
Monitor up to 30 patients on one screen, with easy configuration as the census changes. Allows trending through each tracing independently. Cues color-coded early warning notifications embedded (if applicable).
- **Data Capture**
Data gathering starts when monitor is connected, even prior to admission. Storage even when EMR is down.
- **Threshold Alerts**
Patient alerts can be configured to match your facility's guidelines.
- **EMR Integration**
Integrates with all major EMRs, includes single sign-on capabilities, active directory, auto admit and discharge.
- **Archiving**
Ready retrieval of prior patient visits including EFM tracing and documentation.

PeriWatch Vigilance®

Early Warning System and Clinical Decision Support

Overlay your EFM/EMR solution with an automated Early Warning System (EWS) and Clinical Decision Support (CDS) tools.

- **HUB (Enterprise Wide) 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**
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**
FDA cleared method 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.
- **Vitals**
Displays maternal vital signs and oxygen saturation measurements in numerical and graphical format.
- **Notifications**
Notifications where you are - in your EMR, census, or through workstation pop ups.
- **EMR and EFM Integration**
Ability to integrate with all major EMRs and EFMs so data is shared seamlessly.
- **Artificial Intelligence Software**
AI independently verified for accuracy, combined with other unique algorithms and visualization aids.

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